WAGES AND
SALARIES

Occupational Earnings and Wage Trends in Metropolitan Areas, 1980

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Bureau of Labor Statistics
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[illegible] INDUSTRIAL RELATIONS

Summary 81-4 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from January through May 1980. Data for the remaining 47 areas surveyed in 1980 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing;, transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables1–3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is too small to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans. This information on establishment practices and supplementary wage benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 115 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation and class[3]	Atlanta, Ga.	Chicago, Ill.[4]	Davenport-Rock Island-Moline, Iowa-Ill.[4]	Detroit, Mich.	Hartford, Conn.[4]	Houston, Tex.[4]	Huntsville, Ala.[4]	Jackson, Miss.	Milwaukee, Wis.	Minneapolis-St. Paul, Minn.-Wis.	Newark, N.J.[4]	New York, N.Y.-N.J.
	May	May	February	March	March	April	February	January	April	January	January	May
Secretaries	$265.50	$268.00	$329.50	$337.00	$233.50	$274.50	$231.50	$205.00	$253.00	$231.00	$262.50	$261.50
Class A	306.50	327.50	397.00	389.00	306.50	348.00	-	252.50	313.00	285.00	326.00	330.00
Class B	277.50	291.00	363.50	381.50	265.50	301.00	230.50	249.00	275.00	251.50	287.00	291.50
Class C	262.00	268.50	345.50	341.50	241.00	292.50	274.00	223.50	251.50	221.00	272.50	259.00
Class D	261.50	249.00	239.50	296.00	212.00	260.00	202.50	184.50	220.50	210.50	241.50	235.00
Class E	207.00	220.00	-	230.00	194.50	238.00	-	171.00	229.00	200.50	229.50	215.50
Stenographers	268.50	249.50	282.50	297.50	233.00	263.50	229.50	202.50	225.00	207.00	236.00	226.50
Senior	286.50	260.00	279.00	315.50	-	274.50	-	200.00	234.00	201.50	252.50	231.00
General	244.00	238.50	283.50	258.00	210.50	245.50	-	203.00	207.00	214.50	228.00	220.00
Transcribing-machine typists	189.00	196.00	197.50	208.50	179.00	217.00	-	163.50	209.50	187.00	187.50	205.00
Typists	186.50	198.50	256.00	212.00	176.00	197.00	159.50	150.50	187.50	180.50	172.00	177.50
Class A	238.50	213.00	291.00	279.00	204.00	208.00	199.50	-	205.00	186.50	190.00	204.00
Class B	173.50	184.50	207.00	180.00	161.00	190.00	144.00	149.00	172.00	174.00	161.50	163.50
File Clerks	161.00	166.00	197.00	164.00	146.00	165.00	-	134.00	177.00	165.00	154.50	162.50
Class A	-	213.00	-	-	175.50	259.50	-	-	201.50	225.00	-	201.50
Class B	165.50	178.00	194.00	190.50	150.50	182.00	-	-	191.00	162.00	163.50	171.50
Class C	153.00	154.00	152.00	154.50	137.50	156.00	-	132.00	153.50	144.00	143.00	147.50
Messengers	185.50	169.50	235.00	195.50	152.00	160.50	-	150.50	179.50	157.50	173.00	156.00
Switchboard operators	196.00	206.50	217.00	223.00	195.50	184.00	141.00	156.50	198.50	178.00	200.00	202.50
Switchboard operator-receptionists	185.50	198.00	193.00	198.50	181.00	199.00	174.00	166.50	194.00	176.50	183.00	198.50
Order clerks	203.50	219.00	250.00	270.00	196.00	237.00	-	247.00	208.00	219.50	209.50	207.50
Class A	-	260.50	316.50	333.50	226.00	327.50	-	-	212.50	237.00	236.50	252.50
Class B	196.00	202.00	-	231.00	193.00	180.50	-	206.50	202.50	181.00	197.50	187.00
Accounting clerks	209.50	221.00	271.00	235.00	186.50	225.50	186.50	189.50	210.50	206.00	216.50	216.00
Class A	232.50	285.00	349.50	285.00	250.50	289.50	263.50	212.50	230.50	230.50	247.50	237.00
Class B	194.50	248.00	278.50	198.00	214.50	247.00	181.00	181.00	194.50	187.50	232.50	195.50
Class C	-	218.00	219.00	-	183.50	207.50	170.00	-	-	-	201.50	-
Class D	-	200.00	-	-	156.00	197.50	154.50	-	-	-	167.00	-
Bookkeeping-machine operators	205.50	-	-	-	-	-	-	-	-	204.00	-	202.00
Class A	-	-	-	-	-	-	-	-	-	218.00	-	221.50
Class B	-	-	-	-	-	-	-	-	-	189.00	-	194.50
Machine billers	-	-	-	-	-	-	-	-	-	239.50	-	208.50
Billing-machine	-	-	-	-	-	-	-	-	-	258.00	-	-
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	220.00	231.00	273.00	257.50	196.00	243.00	185.50	204.50	221.50	232.50	222.50	228.50
Key entry operators	209.50	214.50	259.00	229.00	177.00	211.00	175.50	175.50	206.00	198.00	203.00	208.00
Class A	245.50	233.00	311.50	272.00	185.50	229.00	183.50	184.00	227.00	211.50	230.50	214.50
Class B	188.00	200.00	208.00	208.50	169.50	200.00	172.50	173.00	188.50	183.50	190.50	202.00

See footnotes at end of table.

Table 1. Continued—Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation and class[3]	Norfolk-Virginia Beach-Portsmouth, Va.-N.C. May	Pittsburgh, Pa. January	St. Louis, Mo.-Ill. March	San Antonio, Tex.[4] May	San Francisco-Oakland, Calif. March	San Jose, Calif. March	Toledo, Ohio-Mich. May	Washington, D.C.-Md.-Va. March	Wichita, Kans.[4] April	Worcester, Mass.[4] April	York, Pa. February
Secretaries	$214.00	$262.50	$244.50	$206.00	$277.50	$276.00	$281.00	$262.00	$263.00	$243.50	$227.50
Class A	261.00	355.50	299.00	271.00	334.50	333.50	343.50	352.50	288.50	294.50	300.00
Class B	231.00	292.00	262.50	223.50	314.00	305.50	300.00	305.00	287.50	263.00	259.50
Class C	228.00	266.50	241.00	223.50	277.50	279.00	271.00	270.50	261.00	244.50	225.00
Class D	211.00	237.50	231.00	199.50	259.00	252.50	276.50	250.00	255.50	216.50	201.50
Class E	178.00	216.00	206.50	176.50	241.50	233.50	257.00	215.50	219.00	-	193.50
Stenographers	207.00	234.50	228.50	-	260.50	263.50	262.00	259.00	267.00	214.50	203.50
Senior	-	232.00	243.00	-	271.00	-	280.50	257.50	-	-	213.00
General	205.50	236.50	218.00	-	224.00	259.50	250.00	262.50	253.50	-	192.50
Transcribing-machine typists	-	181.50	192.50	-	217.00	-	-	237.00	220.50	184.00	-
Typists	165.00	171.00	181.50	159.50	205.00	231.00	215.50	199.50	193.00	160.00	172.50
Class A	210.50	196.00	212.00	162.00	224.00	255.50	245.00	210.00	214.00	188.50	185.50
Class B	151.50	161.00	166.00	157.50	191.00	169.50	206.50	192.50	187.00	150.50	167.50
File Clerks	134.00	152.50	160.00	136.50	176.00	174.50	168.00	180.00	177.00	147.50	151.00
Class A	-	181.50	194.00	-	207.00	-	-	197.00	-	-	-
Class B	-	167.00	161.00	146.50	187.50	212.00	-	173.50	171.50	146.50	-
Class C	-	139.00	139.50	131.00	162.50	155.00	157.50	183.00	143.50	141.50	140.00
Messengers	-	161.00	178.00	135.50	198.00	183.00	180.50	187.50	202.00	152.00	-
Switchboard operators	156.50	184.50	193.00	153.50	201.50	215.50	201.00	175.50	206.50	197.50	194.00
Switchboard operator-receptionists	154.50	183.00	184.50	157.50	207.50	185.50	188.50	175.00	174.00	182.50	171.00
Order clerks	163.50	255.00	211.00	143.50	258.00	237.50	191.50	203.50	254.00	216.50	215.50
Class A	-	279.50	255.00	-	297.00	-	256.00	201.00	280.50	233.00	272.00
Class B	164.50	239.50	181.50	143.50	230.00	216.00	178.00	207.00	238.50	192.50	182.00
Accounting clerks	174.00	215.00	209.00	183.00	247.00	224.50	224.00	209.00	224.50	207.50	179.00
Class A	211.50	247.50	252.00	230.50	261.50	237.00	259.00	241.50	301.50	257.00	198.00
Class B	158.50	195.00	179.50	196.00	234.50	214.00	201.00	190.00	219.00	230.00	169.00
Class C	-	-	-	175.50	-	-	-	-	212.00	187.50	-
Class D	-	-	-	-	-	-	-	-	161.50	-	-
Bookkeeping-machine operators	-	-	-	-	-	-	223.00	-	-	-	188.00
Class A	-	-	-	-	-	-	206.00	-	-	-	-
Class B	-	-	-	-	-	-	-	-	-	-	186.00
Machine billers	-	-	-	-	-	-	-	-	-	-	161.00
Billing-machine	-	-	-	-	-	-	-	-	-	-	159.50
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	183.00	249.50	227.50	185.00	259.00	238.50	238.50	215.50	225.00	214.50	190.00
Key entry operators	-	203.50	200.50	173.00	250.00	228.50	225.00	179.00	221.50	200.50	187.50
Class A	203.50	235.00	225.00	191.50	259.50	252.50	246.50	215.00	240.50	209.00	214.00
Class B	-	187.00	191.00	164.50	244.50	218.00	204.50	-	210.00	187.50	172.00

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[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 4-level occupational description for accounting clerks was introduced in this area in 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation and class[3]	Atlanta, Ga.	Chicago, Ill.[4] [5]	Davenport–Rock Island–Moline, Iowa–Ill.[4] [5]	Detroit, Mich.[5]	Hartford, Conn.[5]	Houston, Tex.[4] [5]	Huntsville, Ala.[4] [5]	Jackson, Miss.[5]	Milwaukee, Wis.	Minneapolis–St. Paul, Minn.–Wis.	Newark, N.J.[5]	New York, N.Y.–N.J.
	May	May	February	March	March	April	February	January	April	January	January	May
Computer systems analysts (business)	$448.50	$456.00	$565.00	$526.50	$399.50	$440.50	$407.00	$382.50	$445.00	$417.00	$454.00	$482.00
Class A	499.50	491.00	-	571.00	464.50	506.00	444.50	425.00	484.00	458.00	510.00	507.00
Class B	451.50	450.00	560.50	531.00	398.00	424.50	-	374.50	413.00	389.00	427.00	487.00
Class C	-	381.00	-	466.00	352.00	374.50	-	-	421.50	327.50	357.00	373.00
Computer programmers (business)	378.50	359.00	397.50	408.50	315.00	368.00	-	321.50	337.00	350.50	336.00	368.50
Class A	416.50	417.50	473.50	497.50	371.00	438.50	-	383.50	370.00	429.50	375.50	401.50
Class B	377.00	340.00	394.00	387.50	309.50	358.00	-	313.00	336.00	353.50	337.50	373.50
Class C	305.00	311.00	331.00	346.50	-	308.50	-	234.50	291.00	289.50	292.50	299.00
Computer operators	282.50	275.00	332.00	328.50	238.50	260.50	209.00	236.00	256.50	238.00	267.50	268.00
Class A	357.00	315.00	439.00	375.00	303.00	318.00	251.50	298.00	305.00	274.00	302.00	313.00
Class B	277.00	274.00	299.00	315.00	242.50	263.00	211.50	233.00	254.00	235.00	265.00	259.50
Class C	259.50	231.00	295.00	324.50	187.50	230.00	183.00	172.50	208.00	197.50	237.00	225.50
Peripheral equipment operators	-	295.50	-	-	193.00	-	-	-	253.50	210.50	-	-
Computer data librarians	-	235.00	-	281.00	232.50	228.50	-	-	232.00	206.00	226.00	214.00
Drafters	287.00	310.50	324.50	424.50	293.50	338.50	265.00	253.00	293.50	299.50	303.00	323.00
Class A	339.50	398.00	366.50	532.50	-	446.50	361.00	-	358.00	352.00	386.00	364.50
Class B	276.50	328.50	335.00	403.00	287.50	340.50	276.50	284.00	296.50	291.50	315.00	311.50
Class C	255.00	282.50	293.50	327.00	242.50	278.50	242.50	178.50	225.00	234.50	260.00	274.00
Class D	-	232.50	-	278.00	-	226.00	179.50	-	-	-	193.50	-
Class E	-	-	-	-	-	191.50	-	-	-	-	200.00	-
Drafter-tracers	-	-	-	-	-	-	-	-	197.50	-	-	250.50
Electronics technicians	358.00	374.50	329.00	421.00	336.50	353.50	270.00	-	350.50	321.00	364.50	420.00
Class A	-	407.50	-	-	381.50	406.50	352.00	-	338.00	-	-	-
Class B	-	-	319.00	393.50	289.50	328.00	-	-	348.50	297.50	-	429.00
Class C	-	-	-	-	-	262.50	203.50	-	-	-	242.50	-
Registered industrial nurses	350.50	330.00	344.00	418.00	305.00	344.50	279.50	-	318.50	315.00	308.50	337.50

See footnotes at end of table.

Table 2. Continued—Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation and class[3]	Norfolk-Virginia Beach-Portsmouth, Va.-N.C.[5] May	Pittsburgh, Pa.[5] January	St. Louis, Mo.-Ill.[5] March	San Antonio, Tex.[4] [5] May	San Francisco-Oakland, Calif. March	San Jose, Calif. March	Toledo, Ohio-Mich. May	Washington, D.C.-Md.-Va. March	Wichita, Kans.[4] [5] April	Worcester, Mass.[5] April	York, Pa. February
Computer systems analysts (business)	$379.00	$460.00	$421.00	$372.50	$460.50	$475.00	$433.50	$431.00	$415.00	$401.50	$359.50
Class A	411.00	528.50	460.50	-	519.00	558.50	488.50	512.00	477.00	478.50	-
Class B	357.50	454.00	394.50	381.50	441.00	455.00	423.00	416.00	402.50	402.00	374.50
Class C	-	393.00	312.00	329.00	388.50	362.50	295.00	295.50	-	-	-
Computer programmers (business)	291.00	336.00	331.00	287.00	361.50	398.50	358.00	350.50	340.00	347.50	297.50
Class A	-	383.50	371.50	-	459.50	455.00	398.00	397.00	405.00	416.00	-
Class B	288.00	330.00	315.50	292.50	372.50	376.00	333.00	356.00	344.00	355.00	301.50
Class C	236.00	282.00	261.50	245.50	298.50	326.50	322.50	298.50	299.50	268.00	237.50
Computer operators	212.50	248.50	248.50	187.50	291.50	272.00	269.00	254.50	268.00	249.00	221.50
Class A	-	291.00	300.00	227.00	334.00	316.50	343.50	295.50	299.50	-	319.00
Class B	225.00	238.00	242.50	189.00	287.00	270.00	261.00	262.50	265.00	262.00	211.50
Class C	181.50	227.50	227.50	161.00	231.00	223.00	192.00	226.50	252.00	206.50	177.00
Peripheral equipment operators	-	267.00	247.00	-	-	-	-	193.00	-	-	-
Computer data librarians	-	-	-	183.50	-	-	-	261.50	-	-	-
Drafters	273.00	332.50	304.00	235.50	333.50	306.50	322.50	277.50	323.00	308.50	277.50
Class A	-	411.00	405.50	313.00	396.00	362.00	384.50	369.00	361.00	362.50	329.00
Class B	278.00	355.50	317.50	260.00	325.50	301.50	317.50	263.50	328.00	318.00	282.00
Class C	-	297.50	246.50	205.50	257.00	256.50	275.00	224.50	281.00	263.50	233.50
Class D	-	225.50	215.50	174.00	-	-	-	-	-	-	-
Class E	-	181.00	-	-	-	-	-	-	-	-	-
Drafter-tracers	-	-	-	-	-	-	-	-	-	-	-
Electronics technicians	-	372.50	391.50	253.50	362.00	316.00	332.00	340.50	292.00	308.00	-
Class A	-	416.50	434.00	-	371.00	381.00	-	363.00	-	344.00	-
Class B	-	369.00	381.50	253.00	359.00	304.00	-	332.50	-	-	-
Class C	-	-	-	-	-	259.00	-	-	-	-	-
Registered industrial nurses	-	331.00	341.00	-	359.00	360.00	354.50	313.00	313.00	301.00	285.00

[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised occupational description for computer operators, not comparable to the previous description, was introduced in this area in 1980. This completes the 3-year transition to the new occupational description.

[5] A revised 5-level description for drafters was introduced in this area in 1979 or 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation	Atlanta, Ga.	Chicago, Ill.	Davenport-Rock Island-Moline, Iowa-Ill.	Detroit, Mich.	Hartford, Conn.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.	Minneapolis-St. Paul, Minn.-Wis.	Newark, N.J.	New York, N.Y.-N.J.
	May	May	February	March	March	April	February	January	April	January	January	May
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$9.07	$10.38	$10.58	$10.91	$8.17	$10.66	-	-	$9.98	$9.25	$8.68	$8.19
Maintenance electricians	9.72	10.53	10.88	11.36	8.52	10.43	$8.24	$7.19	10.48	10.31	9.15	9.12
Maintenance painters	8.37	10.37	10.24	10.95	8.01	9.87	-	-	10.15	9.42	8.79	7.83
Maintenance machinists	9.71	10.02	10.21	11.00	7.94	10.46	8.20	7.70	11.11	9.65	8.88	9.83
Maintenance mechanics (machinery)	7.95	9.85	10.54	10.98	7.72	9.92	9.36	7.29	8.77	8.82	8.44	8.92
Maintenance mechanics (motor vehicles)	9.35	11.07	10.29	10.75	8.29	9.16	6.63	7.58	10.04	9.98	9.26	9.92
Maintenance pipefitters	10.43	10.05	10.94	11.19	-	10.66	-	-	10.87	10.39	9.39	9.63
Maintenance sheet-metal workers	-	10.55	-	11.15	-	10.35	-	-	10.45	-	8.93	9.37
Millwrights	10.84	10.78	10.87	11.27	-	10.55	-	-	10.38	9.57	9.54	-
Maintenance trades helpers	6.64	7.76	7.90	9.49	5.78	-	-	-	8.41	8.63	6.45	6.84
Machine-tool operators (toolroom)	-	9.84	10.83	11.29	7.94	-	-	-	9.44	8.78	9.88	-
Tool and die makers	10.47	10.55	11.39	11.33	8.59	9.98	8.31	-	10.42	9.76	8.99	8.77
Stationary engineers	8.64	10.55	10.97	11.27	8.10	8.83	7.39	6.04	8.96	8.94	9.70	9.67
Boiler tenders	-	8.16	9.47	9.33	7.63	-	-	-	8.72	8.59	8.53	8.97
Material movement and custodial												
Truckdrivers[3]	8.33	11.02	9.25	9.39	8.16	7.46	5.96	6.20	8.86	9.99	9.18	8.95
Truckdrivers, light truck	4.62	9.16	6.11	7.27	5.86	4.49	-	3.61	-	7.97	5.69	6.87
Truckdrivers, medium truck	7.32	10.74	-	8.37	8.81	7.06	6.95	8.37	8.22	9.91	9.87	9.12
Truckdrivers, heavy truck	-	11.19	-	9.82	-	6.71	-	-	8.69	10.24	9.27	8.37
Truckdrivers, tractor-trailer	9.79	11.56	9.75	10.28	9.17	9.15	6.05	7.54	10.28	10.13	9.84	9.34
Shippers	-	7.15	7.04	9.32	6.71	7.10	4.75	-	6.96	8.22	6.54	6.85
Receivers	7.15	6.90	7.70	8.49	6.02	6.51	4.71	4.32	6.43	7.66	6.85	6.19
Shippers and receivers	6.37	6.60	6.53	8.55	5.89	6.96	4.92	5.65	6.54	7.03	6.35	7.03
Warehousemen	6.57	8.64	8.65	8.14	6.89	7.61	5.60	4.14	7.98	8.44	7.94	6.62
Order fillers	6.55	7.24	7.69	8.54	6.33	7.12	-	-	5.55	7.42	5.07	6.20
Shipping packers	4.99	5.58	8.81	8.31	4.87	-	4.16	4.20	6.92	6.77	5.11	5.34
Material handling laborers	6.47	8.08	8.53	9.05	5.98	5.87	4.95	5.61	8.08	8.68	6.05	7.12
Forklift operators	6.46	7.73	8.85	9.37	7.11	8.12	5.23	5.48	7.25	8.21	7.15	7.04
Power-truck operators (other than forklift)	-	6.86	9.36	9.55	-	-	-	-	-	8.23	-	-
Guards	3.61	4.78	-	7.00	4.47	4.44	3.35	3.36	4.33	4.29	3.97	4.23
Class A	5.68	6.82	8.56	7.62	-	-	-	-	7.17	-	5.43	5.45
Class B	3.50	4.48	-	6.86	3.73	4.42	3.34	3.35	4.13	4.14	3.89	4.10
Janitors, porters, and cleaners	3.74	6.03	6.48	6.41	4.06	3.62	4.02	3.56	4.69	4.82	4.26	5.94

See footnotes at end of table.

Table 3. Continued—Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, January-May 1980

Occupation	Norfolk-Virginia Beach-Portsmouth, Va.-N.C. May	Pittsburgh, Pa. January	St. Louis, Mo.-Ill. March	San Antonio, Tex. May	San Francisco-Oakland, Calif. March	San Jose, Calif. March	Toledo, Ohio-Mich. May	Washington, D.C.-Md.-Va. March	Wichita, Kans. April	Worcester, Mass. April	York, Pa. February
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$7.77	$9.62	$9.02	-	$10.85	$10.46	$9.51	$10.03	$8.30	$7.28	$7.45
Maintenance electricians	9.55	9.81	10.05	$7.83	10.64	10.43	10.25	10.75	8.48	8.06	8.51
Maintenance painters	-	9.10	9.33	-	11.23	-	8.94	7.65	8.31	-	-
Maintenance machinists	7.57	10.17	9.96	-	10.88	10.46	10.05	10.57	9.97	7.97	7.96
Maintenance mechanics (machinery)	7.26	9.72	8.72	6.97	9.88	9.26	9.85	9.15	8.33	7.70	7.42
Maintenance mechanics (motor vehicles)	7.75	9.94	9.26	7.08	11.52	10.24	10.72	9.38	8.18	8.71	8.54
Maintenance pipefitters	-	9.53	9.92	-	11.00	-	10.30	-	-	8.42	8.91
Maintenance sheet-metal workers	-	9.06	10.02	-	11.14	-	9.75	-	-	-	-
Millwrights	-	-	10.09	-	-	-	10.52	-	-	-	9.12
Maintenance trades helpers	5.66	9.11	7.92	5.13	8.49	-	8.35	-	7.16	5.13	6.05
Machine-tool operators (toolroom)	-	9.17	9.61	-	-	-	11.07	-	-	6.94	8.85
Tool and die makers	-	9.44	10.69	-	12.34	11.40	10.80	-	9.00	7.71	8.89
Stationary engineers	-	9.26	9.74	6.40	10.98	-	9.32	9.08	8.22	8.10	-
Boiler tenders	6.86	8.52	9.38	-	-	-	9.05	-	-	6.80	6.10
Material movement and custodial											
Truckdrivers[3]	5.29	8.76	9.42	6.32	10.04	10.51	9.84	7.87	7.60	7.54	7.74
Truckdrivers, light truck	3.56	8.01	6.29	3.55	5.99	-	5.80	5.97	4.73	4.95	-
Truckdrivers, medium truck	4.70	7.71	9.41	7.13	8.58	10.70	7.42	7.48	7.61	7.43	5.55
Truckdrivers, heavy truck	4.86	9.25	8.71	4.63	10.90	10.32	9.47	8.18	-	-	6.32
Truckdrivers, tractor-trailer	6.64	9.58	9.63	6.79	10.79	10.54	10.44	9.63	9.12	8.79	8.43
Shippers	5.42	6.63	7.01	5.28	8.30	6.54	7.29	6.38	7.02	6.19	7.21
Receivers	6.76	6.53	7.18	4.85	8.03	7.11	6.50	6.80	7.80	6.19	6.06
Shippers and receivers	5.11	7.02	6.38	4.59	8.09	5.14	7.77	5.27	5.22	5.70	5.89
Warehousemen	4.87	7.30	8.11	4.61	8.35	6.69	6.97	6.44	5.23	6.89	6.50
Order fillers	5.51	7.04	6.73	4.84	9.41	-	6.56	7.67	-	6.02	6.08
Shipping packers	-	6.83	6.08	3.71	-	-	7.65	5.96	5.49	5.10	5.52
Material handling laborers	5.08	7.95	8.28	4.41	8.59	6.37	8.88	5.80	5.28	5.92	7.87
Forklift operators	6.19	7.90	8.06	5.07	9.03	8.13	8.13	7.07	-	7.29	6.63
Power-truck operators (other than forklift)	-	9.36	8.11	-	-	-	-	-	-	-	6.98
Guards	3.47	4.09	4.58	3.33	4.55	4.75	4.36	3.65	4.87	4.42	5.96
Class A	-	5.22	4.98	-	5.95	-	-	5.47	-	-	-
Class B	3.49	4.04	4.11	3.33	4.28	-	4.22	3.49	4.85	4.12	5.13
Janitors, porters, and cleaners	3.58	4.87	4.44	3.39	6.42	5.63	5.85	3.49	4.45	4.88	4.85

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Hartford	8.6	9.5	10.1	9.9	9.5	8.3	10.1	7.2	9.3	9.3	9.0	9.4	13.8	9.6
New York	7.5	8.7	10.6	9.0	5.5	8.0	9.4	12.2	10.1	8.3	7.4	8.6	9.2	5.2
Newark	8.3	7.7	8.6	8.3	9.5	8.9	7.4	9.3	8.5	9.6	7.7	7.9	–	9.5
Pittsburgh	9.5	9.2	10.7	10.3	9.5	10.4	10.6	10.9	10.5	12.1	8.8	7.7	–	7.6
Worcester	9.0	12.3	9.5	10.1	10.0	–	–	9.5	10.0	10.1	7.3	10.6	–	–
York	9.2	8.0	10.1	10.1	11.0	9.4	–	10.0	10.0	10.0	–	–	–	11.8
South														
Atlanta	9.4	7.0	10.8	9.5	9.3	–	–	12.0	9.8	9.7	9.6	6.8	–	9.3
Houston	11.3	10.4	13.5	10.1	10.4	9.5	–	14.8	10.0	10.0	11.7	10.0	–	10.5
Huntsville	–	–	–	–	8.4	–	–	–	–	10.1	–	–	–	–
Jackson	8.9	13.5	–	12.2	14.8	–	–	–	11.2	16.4	8.7	14.6	–	13.7
Norfolk-Virginia Beach-Portsmouth	8.8	5.9	–	9.8	7.7	–	–	–	8.0	7.9	–	–	–	7.6
San Antonio	11.0	10.6	–	–	8.5	–	–	–	–	9.3	11.2	–	–	8.3
Washington	8.7	7.4	5.2	8.1	7.6	–	–	–	–	7.3	8.7	7.3	4.6	7.6
North Central														
Chicago	10.2	9.1	10.7	11.7	11.8	9.9	10.7	10.7	11.4	10.7	10.4	8.1	10.8	12.3
Davenport-Rock Island-Moline	9.7	9.6	12.9	10.9	11.1	10.8	–	12.9	11.1	11.5	7.4	–	–	9.6
Detroit	10.2	10.3	12.1	11.1	11.6	11.7	10.4	12.5	11.1	12.9	9.3	10.1	–	9.3
Milwaukee	8.9	10.3	10.6	10.9	11.0	8.6	9.2	9.4	11.1	10.6	9.2	11.9	–	11.5
Minneapolis-St. Paul	9.1	9.7	10.3	10.4	10.8	8.0	8.6	10.2	9.7	9.9	9.8	10.7	–	11.1
St. Louis	10.3	6.8	9.6	9.9	11.2	10.4	7.0	10.0	10.1	11.9	10.2	6.6	–	10.6
Toledo	10.7	11.9	8.9	11.0	11.3	11.4	12.7	8.9	11.2	11.2	9.5	–	–	11.6
Wichita	13.5	13.9	14.3	11.9	11.2	14.5	–	14.5	11.7	14.7	12.2	15.4	–	9.9
West														
San Francisco-Oakland	9.9	9.9	11.5	9.2	9.9	11.3	–	–	9.5	9.9	9.5	9.9	–	9.9
San Jose	9.2	6.7	6.1	9.5	8.5	8.2	8.1	–	9.8	10.4	11.2	4.6	–	7.2

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area for which wage data are published.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas and industry divisions

71 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and supplementary wage provisions* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices, listed elsewhere in this report.

Albany—Schenectady—Troy—N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.
Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.
Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.
Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.
Fresno, Calif.
Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem—High Point, N.C.
Greenville—Spartanburg, S.C.
Hartford, Conn.
Houston, Tex.
Huntsville, Ala.
Indianapolis, Ind.
Jackson, Miss.
Jacksonville, Fla.
Kansas City, Mo.—Kans.
Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.
Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.
Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania
Oklahoma City, Okla.
Omaha, Nebr.—Iowa
Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.
Portland, Maine
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Poughkeepsie—Kingston—Newburgh, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.
Richmond, Va.
St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich
Salt Lake City—Ogden, Utah
San Antonio, Tex.
San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
Seattle—Everett, Wash.
South Bend, Ind.
Toledo, Ohio—Mich.
Trenton, N.J.
Washington, D.C.—Md.—Va.
Wichita, Kans.
Worcester, Mass.
York, Pa.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, Ga.
Albuquerque, N. Mex.
Alexandria—Leesville, La.
Alpena—Standish—Tawas City, Mich.
Ann Arbor, Mich.
Asheville, N.C.
Atlantic City, N.J.
Augusta, Ga.—S.C.
Austin, Tex.
Bakersfield, Calif.
Baton Rouge, La.
Beaumont—Port Arthur—Orange and Lake Charles, Tex.—La.
Biloxi—Gulfport and Pascagoula—Moss Point, Miss.
Binghamton, N.Y.
Birmingham, Ala.
Bremerton—Shelton, Wash.
Brunswick, Ga.
Cedar Rapids, Iowa
Champaign—Urbana—Rantoul, Ill.
Charleston—North Charleston—Walterboro, S.C.
Cheyenne, Wyo.
Clarksville—Hopkinsville, Tenn.—Ky.
Colorado Springs, Colo.
Columbia—Sumter, S.C.
Columbus, Ga.—Ala.
Columbus, Miss.
Connecticut (statewide)
Dothan, Ala.
Duluth—Superior, Minn.—Wis.
El Paso—Alamogordo—Las Cruces, Tex.—N. Mex.
Eugene—Springfield—Medford, Oreg.
Fayetteville, N.C.
Fort Smith, Ark.—Okla.
Fort Wayne, Ind.
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Gadsden and Anniston, Ala.
Goldsboro, N.C.
Guam, Territory of
Knoxville, Tenn.
La Crosse—Sparta, Wis.
Laredo, Tex.
Lexington—Fayette, Ky.
Lima, Ohio
Little Rock—North Little Rock, Ark.
Logansport—Peru, Ind.
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Macon, Ga.
Madison, Wis.
Maine (statewide)
Mansfield, Ohio
McAllen—Pharr—Edinburg and Brownsville—Harlingen—San Benito, Tex.
Meridian, Miss.
Middlesex, Monmouth, and Ocean Counties, N.J.
Mobile—Pensacola—Panama City, Ala.—Fla.
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Nashville—Davidson, Tenn.
New Bern—Jacksonville, N.C.
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North Dakota (statewide)
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Waterloo—Cedar Falls, Iowa
West Virginia (statewide)
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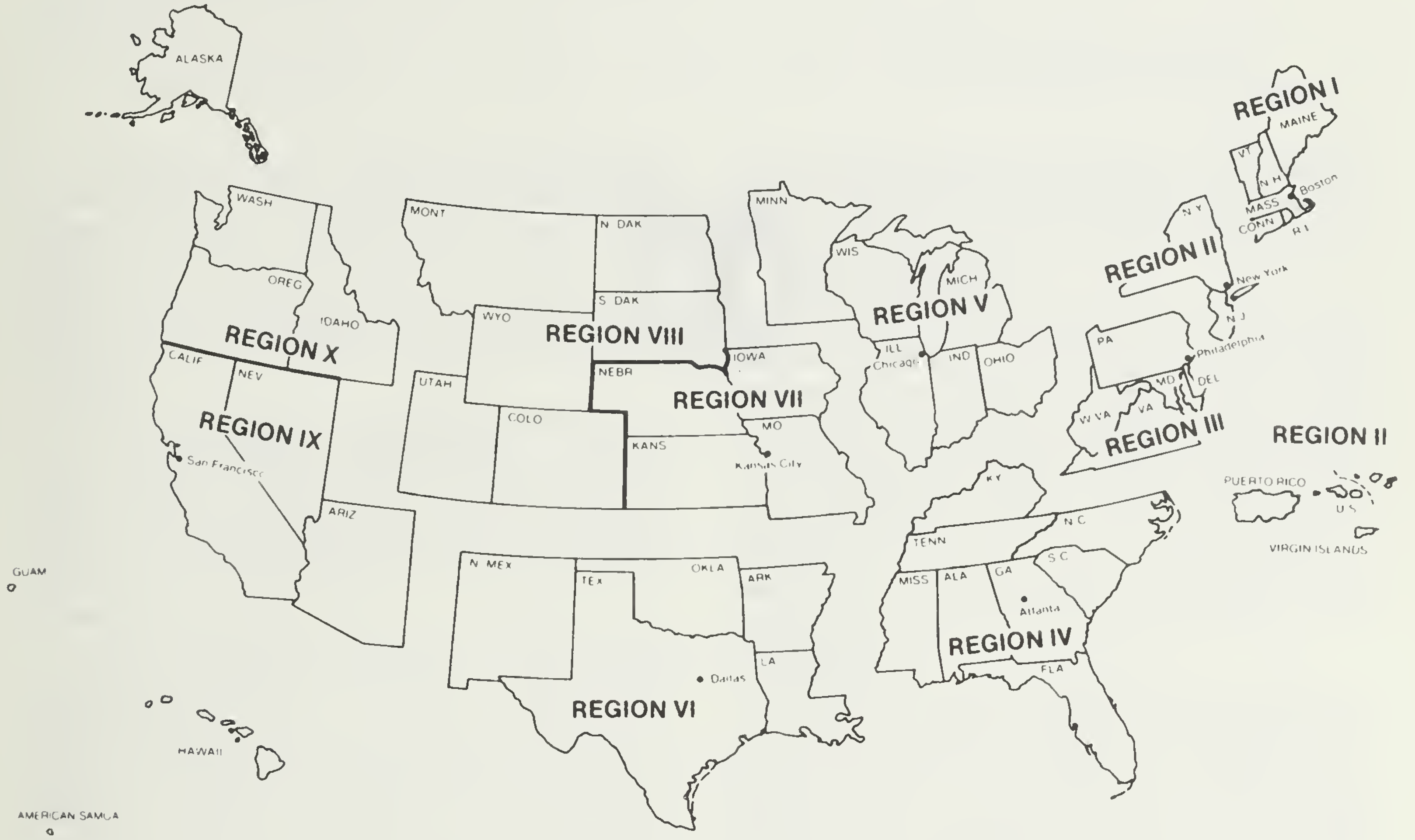

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~~WAGES AND SALARIES~~

Occupational Earnings and Wage Trends in Metropolitan Areas, 1980

U.S. Department of Labor
Bureau of Labor Statistics
May 1981

Summary 81-7 (No. 2 of 3)

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 24 areas surveyed from June through September 1980. Data for another 23 areas have been presented in an earlier summary; data for the remaining 23 areas surveyed in 1980 will presented in a subsequent summary.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is too small to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans. This information on establishment practices and supplementary wage benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 110 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

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Table 1. Average earnings[1] for selected office occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation and class[3]	Albany–Schenectady–Troy, N.Y.[4]	Baltimore, Md.	Billings, Mont.[4]	Boston, Mass.	Chattanooga, Tenn.–Ga.	Cincinnati, Ohio–Ky.–Ind.	Cleveland, Ohio[4]	Corpus Christi, Tex.	Daytona Beach, Fla.	Fresno, Calif.[4]	Gainesville, Fla.[4]	Green Bay, Wis.
	September	August	July	August	September	July	September	July	August	June	September	July
Secretaries	$277.50	$262.50	$220.50	$250.00	$224.50	$258.50	$266.00	$224.00	$243.00	$255.00	$204.00	$238.50
Class A	306.50	301.00	242.50	320.50	236.00	288.50	340.00	258.50	-	-	-	-
Class B	303.00	283.50	230.00	282.50	246.00	271.50	297.50	243.00	-	269.00	234.00	269.00
Class C	279.50	248.50	203.00	256.00	243.50	265.50	263.00	238.00	230.00	276.00	221.50	270.50
Class D	222.50	258.00	238.50	224.00	210.00	250.00	233.50	222.50	243.50	235.50	184.00	237.50
Class E	218.50	232.00	-	205.00	196.50	208.00	218.00	194.00	-	-	-	206.50
Stenographers	251.50	278.50	249.00	261.00	218.50	239.50	271.00	-	-	-	-	180.00
Senior	253.50	241.00	-	250.00	203.50	253.50	276.00	-	-	-	-	-
General	247.00	295.50	215.50	266.50	-	228.00	265.50	-	-	-	-	-
Transcribing-machine typists	176.50	-	-	195.00	169.50	196.00	175.50	-	-	-	-	187.50
Typists	206.00	207.00	-	190.00	164.50	181.00	204.00	159.00	-	171.50	160.50	202.50
Class A	273.50	244.00	-	204.50	177.50	195.00	212.00	-	-	-	-	-
Class B	165.50	177.00	-	179.50	159.00	163.50	195.00	154.50	-	169.00	-	-
File Clerks	153.00	187.00	-	166.00	137.50	158.50	167.00	133.50	-	-	-	170.50
Class A	-	-	-	210.50	-	210.00	197.00	-	-	-	-	-
Class B	167.50	193.50	144.00	158.00	-	156.50	174.00	-	-	-	-	178.50
Class C	143.00	164.00	-	145.50	148.00	150.00	143.50	128.00	-	-	-	-
Messengers	211.50	194.50	211.00	148.00	145.00	163.00	180.00	-	-	-	-	-
Switchboard operators	186.00	212.00	155.00	199.00	171.00	190.50	212.50	149.00	158.50	179.50	142.00	-
Switchboard operator-receptionists	190.50	183.00	170.50	188.00	172.50	190.00	186.50	161.00	148.00	188.50	157.00	176.50
Order clerks	198.00	191.50	199.00	220.00	192.00	210.50	237.00	-	-	231.50	207.50	223.00
Class A	-	210.00	-	239.50	-	245.00	263.50	-	-	-	220.00	-
Class B	183.50	178.00	195.00	212.00	189.00	185.00	228.00	-	-	225.00	-	217.00
Accounting clerks	207.50	242.00	216.00	210.00	191.00	204.50	220.00	186.50	187.50	205.50	193.00	223.00
Class A	274.50	284.00	258.50	236.00	227.50	236.50	290.00	223.00	218.00	243.50	220.50	269.50
Class B	216.50	200.00	222.00	189.50	170.50	186.00	238.50	172.00	164.50	225.50	181.00	203.50
Class C	173.50	-	188.50	-	-	-	199.50	-	-	194.00	196.50	-
Class D	-	-	210.00	-	-	-	202.50	-	-	-	167.50	-
Bookkeeping-machine operators	-	183.00	-	-	-	-	-	-	-	-	-	-
Class A	-	-	-	-	-	-	-	-	-	-	-	-
Class B	-	173.50	-	-	-	-	-	-	-	-	-	-
Machine billers	-	-	-	-	-	-	-	-	-	-	-	-
Billing-machine	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	262.50	261.50	186.00	218.00	210.00	218.00	227.50	199.00	-	213.00	225.50	244.50
Key entry operators	219.00	220.50	180.50	200.50	174.00	194.00	215.00	191.50	179.50	200.00	181.00	176.00
Class A	259.50	234.00	177.50	215.50	186.50	200.00	232.50	223.50	-	189.50	193.50	201.00
Class B	186.50	211.00	184.00	185.00	170.50	190.00	197.00	177.00	-	204.00	178.00	153.00

See footnotes at end of table.

Table 1. Continued—Average earnings[1] for selected office occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation and class[3]	Greensboro-Winston-Salem-High Point, N.C.[4]	Greenville-Spartanburg, S.C.	Nassau-Suffolk, N.Y.	Northeast Pennsylvania	Oklahoma City, Okla.[4]	Paterson-Clifton-Passaic, N.J.[4]	Portland, Oreg.-Wash.[4]	Poughkeepsie, N.Y.[4]	Providence-Warwick-Pawtucket, R.I.-Mass.	Richmond, Va.[4]	South Bend, Ind.	Trenton, N.J.[4]
	August	June	June	August	August	June	June	June	June	June	August	September
Secretaries	$257.00	$209.50	$253.00	$220.50	$241.50	$244.00	$264.00	-	$213.50	$225.50	$250.50	$252.00
Class A	299.50	253.50	317.00	252.50	282.50	297.50	314.50	$370.00	268.50	292.00	263.00	-
Class B	283.00	224.00	276.00	249.50	274.50	267.50	290.00	-	249.50	249.00	237.00	290.50
Class C	252.50	222.00	257.00	236.50	245.00	240.50	262.50	-	217.50	223.50	253.50	271.50
Class D	240.00	201.00	240.00	206.50	232.00	217.00	242.50	-	198.50	221.50	228.50	237.50
Class E	189.00	161.50	199.50	182.00	220.50	-	205.00	-	176.00	168.00	-	200.00
Stenographers	249.50	209.50	197.50	218.50	234.00	206.50	-	-	183.00	229.00	232.50	221.00
Senior	-	208.00	-	288.00	-	-	-	-	-	250.50	-	208.50
General	257.50	211.50	176.50	168.00	224.50	217.50	-	-	174.50	215.50	223.50	226.50
Transcribing-machine typists	176.00	171.50	-	167.00	177.00	-	197.50	-	181.00	171.00	-	-
Typists	210.00	184.50	180.00	183.00	163.50	165.50	185.00	-	163.50	158.50	199.00	175.50
Class A	226.50	224.50	202.50	252.00	181.00	189.00	229.50	-	179.00	184.50	214.50	-
Class B	200.50	168.00	168.00	156.00	156.00	158.00	170.00	-	160.00	152.50	179.00	178.00
File Clerks	159.00	149.00	133.50	134.00	144.00	166.50	162.50	-	145.50	143.00	184.50	-
Class A	-	-	-	-	-	-	-	-	-	-	-	-
Class B	189.00	-	162.00	-	164.00	-	188.50	-	153.00	154.50	205.50	-
Class C	149.50	142.50	129.00	132.50	142.00	167.50	147.00	-	136.50	134.50	152.50	-
Messengers	169.00	155.50	155.00	151.50	154.50	161.00	175.00	165.00	158.00	164.00	167.00	159.00
Switchboard operators	187.50	188.00	181.50	163.50	200.50	180.50	196.00	236.00	189.00	174.50	194.00	196.50
Switchboard operator-receptionists	178.00	172.00	172.50	168.00	181.50	195.50	200.00	181.00	179.50	174.50	185.00	203.00
Order clerks	203.00	168.50	182.00	182.00	198.50	196.50	239.50	-	182.50	213.50	199.00	244.00
Class A	236.50	181.00	-	-	-	220.50	283.50	-	208.50	227.50	-	-
Class B	189.50	164.50	177.50	176.50	185.00	184.00	215.50	-	174.50	190.50	-	239.50
Accounting clerks	216.50	177.00	187.50	174.50	214.50	203.00	230.00	220.00	193.50	193.00	200.50	221.00
Class A	261.00	199.00	206.00	214.00	316.50	265.00	286.50	-	217.50	255.00	215.50	241.00
Class B	215.50	168.00	165.50	155.50	249.00	229.00	244.00	232.00	177.50	212.00	191.50	195.00
Class C	204.50	-	-	-	202.00	188.50	214.50	159.00	-	188.00	-	-
Class D	180.00	-	-	-	194.00	-	201.00	-	-	163.50	-	-
Bookkeeping-machine operators	-	-	-	-	-	-	-	-	-	-	-	-
Class A	-	-	-	-	-	-	-	-	-	-	-	-
Class B	-	-	-	-	-	-	-	-	-	-	-	-
Machine billers	-	-	-	-	-	-	-	-	-	-	-	-
Billing-machine	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	206.50	189.50	188.50	185.00	228.00	217.00	258.50	212.50	195.50	221.00	239.00	229.50
Key entry operators	218.00	174.50	185.50	171.50	196.50	183.50	205.00	209.00	177.00	179.50	210.50	193.00
Class A	260.00	185.50	217.00	-	214.50	205.50	214.00	242.50	197.00	187.50	245.50	212.00
Class B	208.00	172.00	178.50	163.00	184.50	170.00	198.50	176.50	169.00	172.00	184.00	182.50

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[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 4-level occupational description for accounting clerks was introduced in this area in 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation and class[3]	Albany–Schenectady–Troy, N.Y.[4]	Baltimore, Md.	Billings, Mont.[4 5]	Boston, Mass.	Chattanooga, Tenn.-Ga.	Cincinnati, Ohio-Ky.-Ind.[4]	Cleveland, Ohio[4 5]	Corpus Christi, Tex.[4]	Daytona Beach, Fla.[4]	Fresno, Calif.[4]	Gainesville, Fla.[4 5]	Green Bay, Wis.
	September	August	July	August	September	July	September	July	August	June	September	July
Computer systems analysts (business)	$474.00	$437.50	–	$411.00	$436.50	$419.00	$461.00	–	–	$407.00	–	–
Class A	512.50	490.50	–	474.00	487.50	468.50	519.50	–	–	–	–	–
Class B	447.50	417.00	–	398.00	421.50	410.50	450.00	–	–	402.00	–	–
Class C	–	–	–	281.00	–	319.50	377.00	–	–	–	–	–
Computer programmers (business)	335.50	344.50	$313.50	332.00	308.50	334.50	373.50	$327.50	–	–	–	$306.00
Class A	411.50	435.00	–	399.50	344.00	408.00	427.50	–	–	–	–	–
Class B	360.50	355.00	339.00	325.00	310.00	330.50	369.50	323.00	–	–	–	299.00
Class C	237.00	276.00	–	258.00	264.50	255.50	308.50	–	–	–	–	248.50
Computer operators	266.50	271.50	213.00	255.50	221.00	259.50	275.00	228.00	$227.00	253.50	$215.00	237.00
Class A	307.50	346.00	–	317.50	281.50	309.50	314.00	–	–	–	–	–
Class B	261.00	276.50	209.50	251.00	214.50	268.00	273.50	230.50	–	256.00	222.50	239.50
Class C	238.00	208.00	–	200.50	187.50	214.00	217.00	191.00	–	–	–	188.00
Peripheral equipment operators	–	–	–	220.50	–	–	–	–	–	–	–	–
Computer data librarians	–	–	–	203.00	–	–	224.00	–	–	–	–	–
Drafters	302.00	327.00	264.00	317.00	256.50	286.00	321.00	254.50	286.50	290.50	317.00	295.50
Class A	349.00	383.50	346.50	381.00	–	339.00	388.00	350.00	–	–	–	383.00
Class B	290.50	321.00	270.50	314.50	279.00	309.50	326.50	283.00	–	–	311.00	–
Class C	321.50	270.50	209.00	232.50	213.00	249.50	268.00	223.50	290.50	–	241.50	–
Class D	–	–	–	–	–	213.00	221.50	168.00	–	–	–	–
Class E	–	–	–	–	–	–	–	–	–	–	–	–
Drafter-tracers	–	176.00	–	186.00	–	–	–	–	–	–	–	–
Electronics technicians	370.00	352.50	439.50	328.50	340.50	295.00	301.50	372.50	–	411.00	362.50	–
Class A	408.00	412.00	–	394.50	–	–	372.50	438.00	–	–	–	–
Class B	377.00	347.50	–	302.00	367.00	273.50	–	358.50	–	–	367.50	–
Class C	–	242.50	–	255.50	–	–	–	–	–	–	–	–
Registered industrial nurses	334.50	354.00	–	320.50	307.50	334.00	360.00	–	–	–	–	–

See footnotes at end of table.

Table 2. Continued—Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation and class[3]	Greensboro–Winston-Salem–High Point, N.C.[4] [5]	Greenville–Spartanburg, S.C.[4]	Nassau–Suffolk, N.Y.	Northeast Pennsylvania[4]	Oklahoma City, Okla.[4] [5]	Paterson–Clifton–Passaic, N.J.[4]	Portland, Oreg.–Wash.[4] [5]	Poughkeepsie, N.Y.[4]	Providence–Warwick–Pawtucket, R.I.–Mass.[4]	Richmond, Va.[4] [5]	South Bend, Ind.[4]	Trenton, N.J.[4] [5]
	August	June	June	August	August	June	June	June	June	June	August	September
Computer systems analysts (business)	$433.50	$413.50	$459.50	$422.00	$470.50	$473.50	$429.50	–	$393.50	$427.50	$423.50	$438.50
Class A	496.00	475.00	515.00	500.00	507.50	521.00	489.00	–	447.50	463.00	479.00	508.50
Class B	427.00	393.50	421.50	414.00	427.50	434.50	422.00	$428.50	377.00	418.00	400.00	426.50
Class C	367.50	–	–	–	–	–	353.50	–	–	367.00	–	–
Computer programmers (business)	342.50	305.00	343.50	302.50	362.50	330.00	337.00	–	291.50	309.50	312.00	331.50
Class A	388.50	348.50	406.00	–	400.50	400.00	393.50	–	348.50	366.00	410.50	383.50
Class B	339.50	299.50	346.00	298.50	346.50	327.00	331.50	–	280.00	311.50	–	313.00
Class C	291.50	–	285.00	–	279.00	265.00	299.00	–	243.50	240.50	–	–
Computer operators	251.00	224.00	269.50	230.50	247.50	241.00	259.00	–	223.00	231.50	246.50	273.00
Class A	293.00	–	321.50	280.00	296.50	273.50	307.50	–	274.50	263.50	276.00	297.00
Class B	249.00	222.00	263.00	221.50	251.50	237.50	265.00	–	228.00	234.00	265.50	277.00
Class C	198.50	193.50	244.00	180.00	191.50	201.00	198.00	–	193.00	198.50	187.50	195.50
Peripheral equipment operators	–	–	169.50	–	–	–	–	–	–	–	–	–
Computer data librarians	214.50	–	201.50	–	–	–	–	–	–	–	–	–
Drafters	301.50	274.50	296.00	257.00	283.50	289.50	299.00	284.00	269.00	251.00	303.00	337.00
Class A	373.00	356.50	381.50	318.00	389.00	374.00	362.00	370.00	–	351.00	370.50	391.50
Class B	333.00	290.00	284.50	276.00	291.00	316.50	303.00	315.50	290.00	270.50	303.50	–
Class C	249.00	261.50	222.00	236.50	219.00	253.50	271.50	288.50	218.00	245.50	241.50	–
Class D	–	229.00	–	226.00	–	233.00	–	–	–	186.50	–	–
Class E	–	–	–	–	–	–	–	–	–	–	–	–
Drafter-tracers	–	–	–	–	–	–	–	–	–	–	–	–
Electronics technicians	361.50	322.00	298.00	336.50	–	380.00	398.00	244.50	318.00	368.50	–	383.00
Class A	400.50	348.50	344.50	–	–	–	–	–	–	323.00	–	–
Class B	371.00	319.00	292.00	335.00	–	–	–	–	–	–	–	360.00
Class C	237.50	–	198.00	–	–	–	–	–	–	–	–	–
Registered industrial nurses	312.50	245.50	312.50	269.00	–	315.00	–	–	282.00	299.50	289.00	334.00

[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 5-level description for drafters was introduced in this area in 1979 or 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

[5] A revised occupational description for computer operators, not comparable to the previous description, was introduced in this area in 1980. This completes the 3-year transition to the new occupational description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation	Albany–Schenectady–Troy, N.Y.	Baltimore, Md.	Billings, Mont.	Boston, Mass.	Chattanooga, Tenn.–Ga.	Cincinnati, Ohio–Ky.–Ind.	Cleveland, Ohio	Corpus Christi, Tex.	Daytona Beach, Fla.	Fresno, Calif.	Gainesville, Fla.	Green Bay, Wis.
	September	August	July	August	September	July	September	July	August	June	September	July
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$7.76	$9.31	–	$8.46	–	$9.73	$10.45	$10.44	–	–	–	–
Maintenance electricians	9.08	9.81	$10.59	9.19	$8.27	9.53	10.88	10.43	–	$9.31	–	$9.56
Maintenance painters	8.20	8.28	–	7.98	–	8.72	10.79	11.00	–	–	–	–
Maintenance machinists	8.99	10.86	10.88	8.65	8.45	9.28	9.89	11.16	–	9.32	–	9.59
Maintenance mechanics (machinery)	7.56	10.70	9.36	8.38	8.21	8.62	10.95	10.24	$6.45	8.15	$6.09	9.21
Maintenance mechanics (motor vehicles)	9.43	9.49	10.99	9.83	7.94	10.61	9.95	7.58	–	9.35	9.41	9.99
Maintenance pipefitters	9.02	10.35	10.97	9.00	–	9.82	11.35	11.07	–	–	–	9.39
Maintenance sheet-metal workers	8.94	10.13	–	8.99	–	–	10.87	–	–	–	–	–
Millwrights	9.19	10.23	–	7.72	–	9.77	11.52	–	–	–	–	–
Maintenance trades helpers	7.18	9.97	–	5.48	–	7.83	8.39	–	–	6.64	–	–
Machine-tool operators (toolroom)	–	8.99	–	7.58	–	9.46	10.62	–	–	–	–	–
Tool and die makers	–	10.35	–	9.39	7.90	10.15	10.66	–	–	–	–	–
Stationary engineers	8.62	8.80	10.01	8.81	8.36	9.06	11.22	–	–	8.35	–	–
Boiler tenders	7.88	–	–	7.44	5.26	8.57	10.18	–	–	7.98	–	8.62
Material movement and custodial												
Truckdrivers[3]	9.08	8.56	9.66	9.39	6.10	9.25	9.75	7.01	5.20	9.18	7.94	9.14
Truckdrivers, light truck	–	8.45	–	4.94	4.41	8.89	6.82	3.96	–	–	–	6.76
Truckdrivers, medium truck	9.07	6.81	9.75	9.21	5.66	7.35	9.82	8.51	5.34	9.55	8.68	9.82
Truckdrivers, heavy truck	9.82	8.12	–	8.23	–	8.11	7.77	–	–	–	–	7.74
Truckdrivers, tractor-trailer	10.46	9.43	9.37	10.93	6.79	10.54	10.15	7.44	–	9.00	–	9.70
Shippers	7.15	7.34	–	6.57	5.58	6.68	7.59	–	–	–	4.50	–
Receivers	6.85	7.02	6.48	7.10	4.65	7.44	7.49	5.83	–	6.02	4.65	6.69
Shippers and receivers	7.46	5.83	5.16	6.35	–	7.26	7.42	–	5.98	6.47	6.04	7.64
Warehousemen	7.65	6.98	6.37	7.22	5.85	6.32	7.00	6.22	4.81	6.33	4.66	8.89
Order fillers	5.71	7.18	–	5.14	4.85	6.53	7.38	–	–	–	–	7.13
Shipping packers	4.75	6.11	5.73	5.48	4.60	5.89	7.16	–	–	–	–	5.24
Material handling laborers	7.89	7.03	–	5.69	5.67	7.43	8.05	4.73	–	4.81	5.44	7.15
Forklift operators	7.51	8.68	–	8.35	5.79	7.41	8.42	6.47	–	6.79	–	7.28
Power-truck operators (other than forklift)	–	9.46	–	–	4.79	7.64	9.00	–	–	–	–	–
Guards	5.00	4.07	–	4.02	4.10	4.54	4.64	4.17	–	3.57	4.54	–
Class A	–	4.63	–	5.66	–	–	6.19	8.15	–	–	–	–
Class B	4.69	3.94	–	3.86	3.80	4.49	4.36	3.97	–	3.57	–	–
Janitors, porters, and cleaners	5.66	4.01	4.18	4.65	4.21	4.46	5.55	3.61	3.99	5.08	4.03	5.15

See footnotes at end of table.

Table 3. Continued—Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 24 areas, June-September 1980

Occupation	Greensboro-Winston-Salem-High Point, N.C.	Greenville-Spartanburg, S.C.	Nassau-Suffolk, N.Y.	Northeast Pennsylvania	Oklahoma City, Okla.	Paterson-Clifton-Passaic, N.J.	Portland, Oreg.-Wash.	Poughkeepsie, N.Y.	Providence-Warwick-Pawtucket, R.I.-Mass.	Richmond, Va.	South Bend, Ind.	Trenton, N.J.
	August	June	June	August	August	June	June	June	June	June	August	September
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$7.25	$5.87	$8.29	$6.66	$7.97	$8.24	$9.53	-	$6.61	$9.37	$9.82	$8.74
Maintenance electricians	9.21	6.95	8.53	8.42	10.63	8.42	10.60	$8.39	7.65	10.30	9.96	10.00
Maintenance painters	7.14	-	7.95	-	-	7.78	9.22	-	-	8.23	-	8.81
Maintenance machinists	9.86	6.48	8.70	7.65	8.91	9.14	10.48	7.16	7.37	10.18	9.22	8.46
Maintenance mechanics (machinery)	8.90	6.48	8.23	7.46	8.66	7.64	10.35	6.20	6.81	10.72	8.83	9.14
Maintenance mechanics (motor vehicles)	9.45	8.07	8.14	8.97	9.67	8.59	11.13	8.63	8.38	8.34	9.77	10.43
Maintenance pipefitters	10.39	-	-	9.67	-	-	-	-	6.99	10.16	10.64	-
Maintenance sheet-metal workers	10.63	-	-	-	-	-	-	-	-	-	-	-
Millwrights	10.38	-	-	-	-	-	-	-	-	-	10.50	-
Maintenance trades helpers	5.80	5.11	-	5.73	-	-	-	-	-	-	7.51	-
Machine-tool operators (toolroom)	8.93	6.56	6.83	8.95	-	7.83	-	-	-	-	9.37	-
Tool and die makers	9.40	7.55	8.69	8.71	10.30	9.49	10.96	7.95	8.31	-	10.73	-
Stationary engineers	9.53	6.45	9.55	-	8.84	8.25	10.19	-	7.87	9.17	-	9.19
Boiler tenders	6.76	-	-	5.92	-	7.17	-	-	6.29	-	-	6.87
Material movement and custodial												
Truckdrivers[3]	7.85	7.59	9.72	8.29	7.38	6.84	9.93	7.12	8.74	7.02	8.65	8.99
Truckdrivers, light truck	3.96	7.12	6.64	8.37	4.80	6.23	5.84	-	4.33	4.44	5.90	6.23
Truckdrivers, medium truck	8.35	6.19	10.55	8.00	7.81	5.73	10.60	-	8.60	7.54	9.50	9.57
Truckdrivers, heavy truck	-	-	-	6.86	-	6.08	9.55	-	7.59	5.50	-	-
Truckdrivers, tractor-trailer	7.92	8.29	9.92	8.84	9.46	8.34	10.32	-	10.20	8.13	8.38	-
Shippers	5.57	5.62	5.95	6.10	5.87	5.89	8.14	-	5.68	6.98	6.25	-
Receivers	5.27	5.23	5.39	5.81	6.13	6.45	7.59	-	5.34	5.36	7.14	6.24
Shippers and receivers	6.85	4.81	6.41	6.23	5.09	6.39	8.12	-	5.78	6.59	6.47	7.58
Warehousemen	6.43	4.90	6.82	6.22	6.51	5.58	7.46	5.04	5.98	5.81	8.92	7.13
Order fillers	5.80	5.30	6.96	6.03	6.18	4.87	8.50	-	4.65	5.56	7.09	6.87
Shipping packers	5.31	4.73	4.86	5.61	6.22	6.00	7.04	-	4.58	7.12	6.67	4.55
Material handling laborers	6.87	5.08	5.57	8.49	6.06	5.54	8.62	-	4.87	6.00	8.09	5.88
Forklift operators	7.19	4.93	6.46	6.71	8.09	7.07	8.80	6.34	5.83	6.83	7.79	8.12
Power-truck operators (other than forklift)	-	4.83	-	-	-	-	9.00	-	-	5.60	-	-
Guards	4.19	3.46	4.15	3.67	4.07	4.96	4.56	-	3.53	4.42	7.98	5.55
Class A	-	-	4.64	-	-	-	5.06	-	-	5.48	-	-
Class B	4.03	3.46	4.07	3.59	3.85	4.77	4.18	-	3.43	4.31	6.57	5.54
Janitors, porters, and cleaners	3.79	3.51	4.67	4.64	4.52	4.85	5.48	4.41	4.30	4.02	5.47	4.20

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 24 areas

Area	Percent increases for 1 year[2] to latest survey														
	All industries					Manufacturing					Nonmanufacturing[3]				
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Albany-Schenectady-Troy	9.7	8.9	10.1	10.4	10.3	—	—	9.7	10.3	10.5	8.5	—	—	9.9
Boston	9.2	8.7	9.7	9.6	9.2	10.0	9.3	9.4	9.6	9.9	8.7	8.5	—	8.8
Nassau-Suffolk	8.8	9.5	11.3	10.1	11.5	10.8	—	—	10.8	12.4	7.5	8.5	—	11.0
Northeast Pennsylvania	8.9	10.1	6.1	8.9	10.0	8.8	—	5.8	8.3	9.4	9.0	9.4	—	10.2
Paterson-Clifton-Passaic	7.8	8.0	10.4	8.0	9.4	7.1	—	9.6	8.2	8.9	8.6	—	—	10.4
Poughkeepsie	—	—	—	5.5	—	—	—	—	—	—	—	—	—	—
Providence-Warwick-Pawtucket	8.8	9.6	11.9	9.9	8.8	8.6	—	11.9	9.9	8.9	8.9	—	—	8.6
Trenton	8.3	9.2	13.2	10.5	8.5	8.6	—	13.2	10.1	9.5	—	—	—	—
South														
Baltimore	10.0	9.8	10.3	11.7	10.3	8.9	—	11.1	12.3	11.3	10.6	9.9	—	9.6
Chattanooga	9.2	9.7	9.4	9.6	8.7	—	—	9.4	9.6	8.9	—	—	—	—
Corpus Christi	11.4	—	—	13.1	9.5	—	—	—	13.1	13.6	—	—	—	—
Daytona Beach	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gainesville	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greensboro-Winston-Salem-High Point	10.8	12.9	11.2	12.2	11.9	10.3	11.4	11.2	12.6	12.7	11.7	—	—	10.3
Greenville-Spartanburg	9.1	7.9	11.3	9.8	8.2	9.7	—	11.3	10.3	8.1	8.4	—	—	8.2
Oklahoma City	12.8	15.9	—	10.6	10.3	12.8	—	—	9.7	14.3	12.8	15.8	—	9.2
Richmond	8.6	8.8	13.2	14.0	12.7	—	8.9	13.1	14.5	11.2	7.9	8.7	—	14.5
North Central														
Cincinnati	9.7	10.1	11.8	11.8	10.9	10.4	9.8	11.8	11.8	12.2	8.9	10.3	—	9.3
Cleveland	10.1	10.4	12.2	11.6	12.2	12.0	11.2	12.2	11.5	13.2	8.7	9.6	—	11.2
Green Bay	10.4	—	—	8.4	10.1	—	—	—	8.1	10.1	—	—	—	—
South Bend	10.6	8.9	11.5	11.8	11.3	—	8.7	11.5	11.9	12.8	—	—	—	9.0
West														
Billings	9.5	—	—	11.1	10.4	—	—	—	—	—	—	—	—	—
Fresno	7.5	—	—	10.9	9.7	—	—	—	11.7	14.8	—	—	—	—
Portland	9.8	9.7	—	11.9	9.1	—	14.5	—	11.4	10.2	9.3	7.8	—	8.2

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas and industry divisions

71 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and supplementary wage provisions* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices.

Area

Albany—Schenectady—Troy, N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.
Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.
Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.
Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.
Fresno, Calif.
Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem—High Point, N.C.

Area

Greenville—Spartanburg, S.C.
Hartford, Conn.
Houston, Tex.
Huntsville, Ala.
Indianapolis, Ind.
Jackson, Miss.
Jacksonville, Fla.
Kansas City, Mo.—Kans.
Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.
Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.
Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania
Oklahoma City, Okla.
Omaha, Nebr.—Iowa
Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.

Area

Portland, Maine
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Poughkeepsie—Kingston—Newburgh, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.
Richmond, Va.
St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich.
Salt Lake City—Ogden, Utah
San Antonio, Tex.
San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
Seattle—Everett, Wash.
South Bend,Ind.
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Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

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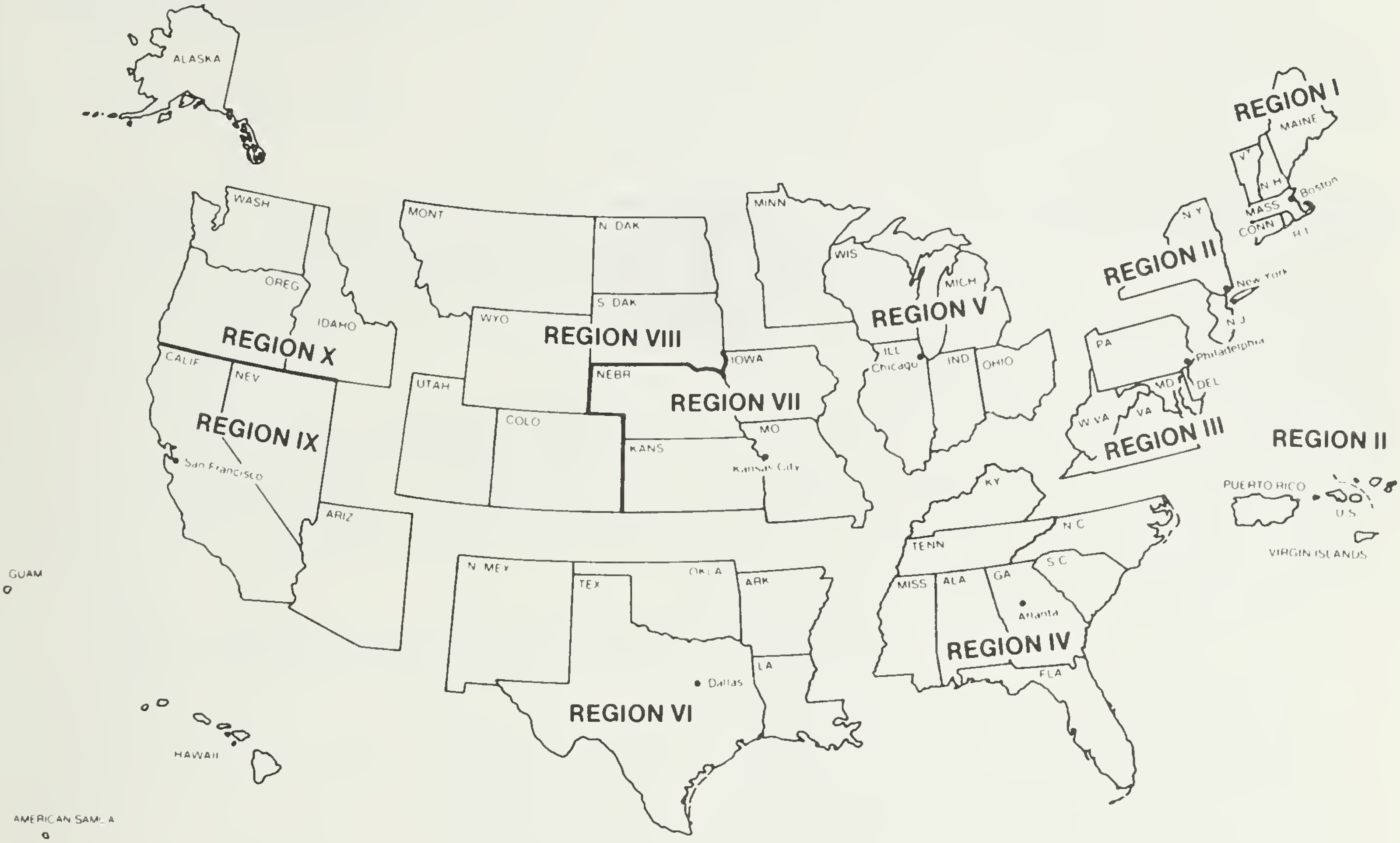

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1980

U.S. Department of Labor
Bureau of Labor Statistics
July 1981

Summary 81-10 (No. 3 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from September through December 1980. Data for 47 areas have been presented in earlier summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1–3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is too small to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans. This information on establishment practices and supplementary wage benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 110 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation and class[3]	Anaheim-Santa Ana-Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas-Fort Worth, Tex.[4]	Dayton, Ohio[4]	Denver-Boulder, Colo.[4]	Gary-Hammond-East Chicago, Ind.	Indianapolis, Ind.	Jacksonville, Fla.	Kansas City, Mo.-Kans.	Los Angeles-Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
Secretaries	$286.00	$261.00	$243.00	$263.00	$257.00	$274.50	$308.50	$270.50	$237.00	$252.50	$293.50
Class A	331.50	289.00	283.00	312.00	339.50	327.00	-	331.00	274.00	299.00	375.00
Class B	321.00	273.50	266.50	296.00	288.00	293.00	324.50	283.50	247.50	281.50	332.50
Class C	294.00	285.00	249.50	264.50	272.50	279.00	325.50	286.00	246.50	249.00	298.50
Class D	266.50	249.50	227.50	252.50	212.00	249.50	209.50	237.00	221.50	225.00	265.50
Class E	240.50	212.00	214.00	225.00	190.00	218.50	307.50	204.50	206.50	225.00	264.00
Stenographers	283.00	245.00	250.50	281.50	244.50	273.50	325.50	280.50	273.00	250.00	284.00
Senior	-	265.00	261.00	309.00	270.00	306.50	-	306.00	314.00	260.50	288.50
General	-	235.50	218.00	257.50	224.50	254.00	323.50	236.00	263.00	237.50	278.00
Transcribing-machine typists	-	200.50	174.00	204.50	192.00	201.00	-	187.50	197.50	190.00	230.00
Typists	198.00	166.00	198.00	186.00	192.00	203.50	259.00	169.00	170.50	182.00	218.50
Class A	228.50	185.00	213.50	204.50	213.50	226.00	-	190.50	172.50	203.50	237.50
Class B	186.50	157.00	177.50	179.00	168.00	182.00	266.00	158.50	170.00	168.50	208.00
File clerks	169.50	152.00	154.00	166.50	169.00	166.50	176.00	148.00	158.50	169.50	193.00
Class A	-	-	-	-	-	228.50	-	195.50	-	256.00	236.00
Class B	170.00	163.50	170.50	182.50	183.50	170.50	-	150.00	148.50	180.50	198.50
Class C	166.50	136.00	138.50	159.50	147.50	142.50	174.00	140.00	153.50	141.50	175.50
Messengers	203.00	166.00	149.50	169.00	160.50	166.00	-	172.50	179.50	158.00	201.00
Switchboard operators	218.50	187.00	172.00	183.00	192.00	185.50	236.50	190.00	170.50	190.50	210.50
Switchboard operator-receptionists	194.50	190.00	184.00	190.50	180.50	199.00	198.00	184.50	163.00	183.00	210.50
Order clerks	239.50	206.50	212.50	230.50	182.00	198.50	225.00	247.00	198.00	225.00	241.00
Class A	274.00	268.50	231.50	289.00	-	252.00	-	276.50	-	243.50	263.00
Class B	211.00	-	210.00	197.00	173.00	195.00	207.00	185.50	197.00	204.50	230.50
Accounting clerks	230.50	222.00	206.50	219.50	201.50	224.50	296.00	202.50	191.50	230.00	243.50
Class A	257.00	256.50	229.00	293.50	261.50	264.00	333.50	229.50	225.00	269.00	259.50
Class B	209.50	190.50	184.50	242.50	189.50	225.50	269.00	183.50	178.00	192.00	226.00
Class C	-	-	-	206.50	197.50	206.00	-	-	-	-	-
Class D	-	-	-	179.50	176.50	177.00	-	-	-	-	-
Bookkeeping-machine operators	-	-	-	-	-	-	-	222.00	-	-	-
Class A	-	-	-	-	-	-	-	-	-	-	-
Class B	-	-	-	-	-	-	-	-	-	-	-
Machine billers	-	-	-	-	-	-	-	-	-	-	-
Billing-machine	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	236.50	266.50	224.00	235.50	218.00	235.50	298.00	230.50	213.00	239.00	260.50
Key entry operators	234.00	203.50	197.00	208.00	198.50	218.50	292.50	208.50	203.00	215.50	243.50
Class A	243.50	239.00	219.50	232.00	214.50	247.50	280.00	223.50	219.00	234.00	265.00
Class B	225.00	181.50	179.00	188.50	184.00	202.50	299.00	190.50	190.50	198.50	230.00

See footnotes at end of table.

Table 1. Continued—Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation and class[3]	Louisville, Ky.-Ind.[4]	Memphis, Tenn.-Ark.-Miss.	Miami, Fla	New Orleans, La.	Omaha, Nebr.-Iowa[4]	Philadelphia, Pa.-N.J.	Portland, Maine	Sacramento, Calif.[4]	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.[4]	Seattle-Everett, Wash.
	November	November	October	October	October	November	December	December	November	November	November	December
Secretaries	$270.50	$237.50	$250.00	$254.00	$239.50	$263.00	$231.00	$257.00	$348.50	$248.00	$265.50	$318.00
Class A	274.00	248.00	295.50	297.50	309.50	331.50	-	313.00	-	275.00	313.00	338.50
Class B	272.00	254.00	274.50	285.50	249.50	279.50	-	301.00	-	302.00	303.50	357.00
Class C	272.50	244.00	252.50	272.50	229.50	258.50	243.50	283.50	350.50	269.00	263.00	285.50
Class D	264.00	213.00	222.00	231.50	222.50	252.50	213.50	246.50	271.00	219.50	261.00	311.50
Class E	-	193.00	217.50	219.50	-	209.50	-	-	-	222.50	221.50	-
Stenographers	269.50	237.50	252.00	234.00	307.00	262.00	226.00	275.50	262.00	243.50	258.50	-
Senior	-	-	289.00	240.50	339.00	275.50	-	-	-	244.50	-	-
General	-	245.00	230.50	231.50	226.50	257.00	186.50	-	-	242.50	263.50	-
Transcribing-machine typists	170.50	196.50	-	204.00	191.00	194.00	171.50	214.00	-	209.50	-	239.50
Typists	172.00	201.00	193.50	169.50	183.50	184.50	155.00	195.00	191.50	178.50	199.50	234.50
Class A	179.00	264.00	219.00	200.50	200.50	209.00	170.00	206.00	-	209.00	218.50	241.00
Class B	165.00	178.50	175.50	165.00	164.00	169.00	151.00	190.50	-	166.50	180.50	199.00
File clerks	152.50	180.00	154.00	146.00	166.50	160.00	134.00	171.00	153.50	169.00	163.50	170.00
Class A	-	-	-	-	291.00	215.00	-	-	-	-	171.50	-
Class B	176.50	253.50	169.00	152.00	147.00	176.00	-	-	-	164.00	-	172.50
Class C	143.50	144.50	141.00	143.00	135.50	149.00	132.50	155.50	150.50	156.00	152.00	165.50
Messengers	166.50	167.00	173.50	156.00	156.50	191.00	183.00	179.00	-	159.50	188.50	199.50
Switchboard operators	171.50	186.50	147.50	159.50	192.50	211.00	180.00	202.00	197.00	177.00	180.50	196.50
Switchboard operator-receptionists	180.00	187.50	193.50	181.00	189.00	188.50	172.50	186.50	210.50	190.50	182.50	211.00
Order clerks	208.00	225.00	199.50	199.00	178.50	239.00	193.50	279.50	184.00	251.50	232.50	332.50
Class A	236.00	-	227.50	-	258.00	289.00	-	316.00	-	270.50	287.00	350.50
Class B	201.00	198.00	196.50	181.00	-	193.00	-	252.00	171.50	239.00	204.50	258.00
Accounting clerks	229.00	209.00	227.00	203.00	222.00	221.00	231.50	232.50	247.50	217.50	222.50	233.00
Class A	282.50	229.50	251.00	240.50	267.50	241.00	259.50	258.00	281.50	259.00	264.50	257.00
Class B	252.00	194.00	208.00	188.00	224.50	205.50	211.50	238.50	194.50	189.50	230.00	210.50
Class C	196.00	-	-	-	210.00	-	-	227.00	-	-	213.00	-
Class D	188.50	-	-	-	162.00	-	-	179.00	-	-	177.50	-
Bookkeeping-machine operators	-	-	193.00	-	-	-	-	-	-	-	-	-
Class A	-	-	201.00	-	-	-	-	-	-	-	-	-
Class B	-	-	185.50	-	-	-	-	-	-	-	-	-
Machine billers	-	-	201.00	-	-	-	-	-	-	-	-	-
Billing-machine	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine	-	-	-	-	-	-	-	-	-	-	-	-
Payroll clerks	230.50	232.00	231.00	215.00	250.00	231.50	193.50	238.50	227.50	237.00	222.00	263.50
Key entry operators	190.00	206.50	206.50	191.00	186.50	207.00	187.00	201.00	278.50	197.50	217.00	232.00
Class A	218.00	234.00	222.50	208.50	209.00	232.00	243.00	209.50	-	214.50	234.50	249.50
Class B	183.00	184.50	199.50	184.50	170.00	186.00	163.50	188.50	250.00	187.50	204.50	218.50

[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing, transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 4-level occupational description for accounting clerks was introduced in this area in 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria

Table 2. Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation and class[3]	Anaheim-Santa Ana-Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas-Fort Worth, Tex.[4 5]	Dayton, Ohio[4 5]	Denver-Boulder, Colo.[4 5]	Gary-Hammond-East Chicago, Ind.[4]	Indianapolis, Ind.	Jacksonville, Fla[4]	Kansas City, Mo.-Kans.[4]	Los Angeles-Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
Computer systems analysts (business)	$488.50	$434.00	$410.00	$453.50	$457.00	$491.00	$457.50	$471.50	$432.50	$453.00	$487.00
Class A	559.50	482.50	453.50	514.00	496.50	555.50	520.00	490.50	504.00	506.50	541.50
Class B	467.00	422.00	404.00	432.50	434.50	430.00	431.00	466.00	404.00	415.50	461.00
Class C	415.00	-	367.50	342.00	401.50	431.00	-	444.00	357.00	405.50	386.00
Computer programmers (business)	399.00	342.00	338.50	344.50	375.00	388.50	473.50	333.50	330.50	347.50	399.50
Class A	461.50	419.50	383.50	434.50	445.00	450.00	567.00	378.50	380.50	396.00	456.50
Class B	378.50	328.50	328.50	358.00	338.50	376.50	468.00	329.50	293.50	351.00	396.00
Class C	300.00	254.00	277.00	282.00	321.50	316.50	-	253.00	253.50	280.00	314.50
Computer operators	290.50	289.00	255.50	259.50	264.00	311.00	353.50	268.00	246.50	263.00	289.00
Class A	327.00	354.50	331.00	314.00	310.00	383.00	-	311.50	289.50	343.50	326.00
Class B	280.00	264.00	252.50	258.50	260.00	294.00	329.00	256.50	239.00	260.00	290.00
Class C	-	238.00	206.00	216.00	225.50	224.00	362.00	234.50	229.50	209.00	235.00
Peripheral equipment operators	-	-	-	191.50	-	-	-	293.50	-	-	258.50
Computer data librarians	-	-	-	218.50	-	-	-	-	184.00	227.50	239.50
Drafters	295.50	333.00	285.50	319.50	355.50	310.50	417.50	352.50	285.50	284.50	328.00
Class A	367.00	389.00	352.00	392.00	428.50	381.00	488.50	442.00	-	402.00	389.50
Class B	295.00	325.50	286.50	322.00	354.00	319.00	418.50	324.00	317.00	305.50	331.50
Class C	239.00	286.00	231.00	271.50	264.50	274.00	356.00	282.00	247.00	249.50	251.50
Class D	-	-	-	204.50	276.50	227.50	-	-	260.50	223.50	-
Class E	-	-	-	196.50	180.00	-	-	-	-	-	-
Drafter-tracers	-	-	162.50	-	-	-	-	250.50	-	-	-
Electronics technicians	398.00	318.50	344.00	343.50	309.00	372.50	476.50	364.00	393.50	409.50	389.50
Class A	-	435.50	393.50	406.50	358.00	414.00	-	-	-	467.00	419.00
Class B	351.50	295.50	325.00	325.50	308.00	364.50	-	343.00	397.00	386.50	392.50
Class C	-	-	-	278.50	-	255.50	-	-	-	325.00	283.50
Registered industrial nurses	336.00	362.00	309.00	366.50	390.00	353.00	398.00	392.00	319.00	340.00	381.00

See footnotes at end of table.

Table 2. Continued—Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation and class[3]	Louisville, Ky.-Ind.[4] [5]	Memphis, Tenn.-Ark.-Miss.[4]	Miami, Fla.	New Orleans, La.	Omaha, Nebr.-Iowa[4] [5]	Philadelphia, Pa.-N.J.[4]	Portland, Maine	Sacramento, Calif.[4] [5]	Saginaw, Mich.[4]	Salt Lake City-Ogden, Utah	San Diego, Calif.[4] [5]	Seattle-Everett, Wash.[4]
	November	November	October	October	October	November	December	December	November	November	November	December
Computer systems analysts (business)	$472.00	$430.50	$478.00	$463.00	-	$449.50	-	$488.00	-	$464.00	$487.50	$456.00
Class A	571.50	-	508.00	518.50	$497.50	501.00	-	-	$535.50	501.00	535.50	493.00
Class B	460.50	423.50	462.00	433.50	459.50	408.00	$426.50	470.50	-	443.50	456.50	441.50
Class C	383.00	-	-	-	-	339.50	-	-	-	-	-	427.00
Computer programmers (business)	312.50	328.00	401.50	334.50	373.50	352.50	-	383.50	398.00	364.50	392.00	386.50
Class A	-	362.00	478.00	384.50	406.00	430.50	428.00	-	-	416.50	465.50	406.50
Class B	318.50	331.00	390.00	329.50	381.50	337.00	-	-	374.50	344.50	373.00	400.50
Class C	242.00	-	321.50	-	-	291.50	-	-	-	310.00	352.50	284.00
Computer operators	270.00	275.50	260.50	251.50	263.50	260.50	234.50	-	326.00	266.50	260.50	303.50
Class A	367.00	324.00	323.50	294.50	317.50	312.00	-	-	-	353.50	295.50	332.00
Class B	289.50	261.50	246.50	243.00	251.00	258.00	244.50	278.50	350.00	246.00	259.00	283.50
Class C	218.50	-	248.50	-	253.00	207.00	195.50	-	-	223.50	197.50	296.50
Peripheral equipment operators	-	-	-	-	-	180.50	-	-	-	-	-	-
Computer data librarians	-	-	-	-	-	218.00	-	-	-	-	-	-
Drafters	300.00	257.50	299.00	307.50	309.50	317.50	288.50	335.00	379.00	302.50	335.50	-
Class A	416.50	338.50	394.50	409.50	350.00	388.00	-	-	-	341.50	407.50	-
Class B	359.00	296.50	278.00	324.50	317.00	331.00	274.00	329.50	381.00	292.50	357.00	-
Class C	272.00	252.50	250.00	261.00	275.50	256.00	-	-	299.50	253.50	264.00	-
Class D	231.00	-	-	242.50	-	217.50	-	-	-	-	221.00	-
Class E	-	-	-	-	-	-	-	-	-	-	-	-
Drafter-tracers	-	-	-	-	-	-	-	-	-	-	-	-
Electronics technicians	401.50	390.00	371.50	397.00	366.00	332.50	-	-	-	340.50	321.50	-
Class A	427.50	-	-	432.00	-	371.50	-	-	-	390.50	345.00	-
Class B	381.50	396.50	448.50	-	-	322.50	-	-	-	348.50	346.00	-
Class C	-	-	-	-	-	-	-	-	-	257.50	235.50	-
Registered industrial nurses	348.50	309.00	-	-	321.00	341.50	-	-	-	-	366.50	411.50

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[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 5-level description for drafters was introduced in this area in 1979 or 1980. The revised description is being phased in over a 3-year period and is not comparable to the previous description.

[5] A revised occupational description for computer operators, not comparable to the previous description, was introduced in this area in 1980. This completes the 3-year transition to the new occupational description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation	Anaheim-Santa Ana-Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas-Fort Worth, Tex.	Dayton, Ohio	Denver-Boulder, Colo.	Gary-Hammond-East Chicago, Ind.	Indianapolis, Ind.	Jacksonville, Fla.	Kansas City, Mo.-Kans.	Los Angeles-Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$9.69	$10.29	-	$9.00	$11.05	$10.46	$11.25	$10.45	$9.12	$9.37	$9.81
Maintenance electricians	10.26	11.02	$9.43	10.13	11.20	9.62	11.58	10.93	10.77	10.54	10.69
Maintenance painters	8.89	9.48	-	9.01	10.91	7.45	10.52	10.34	10.17	9.98	9.29
Maintenance machinists	9.97	10.38	9.53	9.51	9.84	10.00	11.72	9.80	10.17	10.87	10.98
Maintenance mechanics (machinery)	9.30	11.42	9.12	9.27	11.08	9.24	11.73	10.64	8.40	9.47	9.58
Maintenance mechanics (motor vehicles)	10.21	10.30	10.20	9.33	9.68	9.53	11.13	10.37	8.41	10.29	10.63
Maintenance pipefitters	-	10.55	10.35	-	11.98	-	11.22	11.19	11.34	10.86	-
Maintenance sheet-metal workers	-	11.35	11.02	-	12.16	-	11.13	11.58	-	10.85	10.61
Millwrights	-	10.23	10.12	-	11.44	-	11.27	11.65	-	11.36	-
Maintenance trades helpers	-	9.31	6.54	7.22	8.74	-	-	-	5.85	7.88	7.08
Machine-tool operators (toolroom)	-	11.14	11.21	9.23	12.04	9.34	-	11.55	-	-	-
Tool and die makers	10.20	11.02	11.11	9.81	11.81	10.21	-	11.01	-	10.60	10.63
Stationary engineers	9.47	10.31	9.67	9.17	9.77	9.84	11.20	8.74	8.82	10.30	10.34
Boiler tenders	-	-	7.22	-	-	-	11.18	7.96	9.36	9.59	-
Material movement and custodial											
Truckdrivers[3]	9.52	9.63	9.59	7.49	7.22	8.65	10.57	9.33	7.10	9.42	9.30
Truckdrivers, light truck	5.14	7.04	4.90	4.85	6.28	5.32	8.21	7.56	4.40	6.49	8.34
Truckdrivers, medium truck	9.93	9.35	9.27	7.63	6.39	8.44	-	9.74	6.61	8.64	8.41
Truckdrivers, heavy truck	-	9.24	7.70	-	6.29	8.35	10.82	9.53	5.53	8.56	9.06
Truckdrivers, tractor-trailer	10.46	10.89	10.88	8.64	8.98	10.06	11.07	9.94	8.78	9.78	10.46
Shippers	6.35	7.20	7.13	5.49	5.91	7.57	10.54	7.15	6.14	6.55	6.94
Receivers	7.21	7.31	7.20	5.84	6.42	6.08	8.11	6.37	6.86	7.01	7.54
Shippers and receivers	5.99	7.26	-	6.31	6.28	7.24	-	6.06	4.89	7.09	7.12
Warehousemen	8.90	8.62	5.60	6.78	6.80	7.77	9.40	7.28	6.17	6.87	7.35
Order fillers	-	5.76	7.61	6.11	5.95	7.70	-	6.93	5.12	6.06	5.63
Shipping packers	5.16	7.71	7.03	5.42	-	-	8.18	7.52	4.51	5.90	4.61
Material handling laborers	7.01	9.10	8.10	5.66	8.91	8.39	7.40	8.54	5.27	8.78	6.06
Forklift operators	8.03	8.77	7.48	7.49	8.71	8.58	9.91	8.04	6.50	8.39	8.00
Power-truck operators (other than forklift)	-	9.83	-	-	-	-	9.13	8.04	-	8.71	-
Guards	4.71	4.30	4.05	4.35	6.23	4.39	7.64	5.13	3.44	6.08	4.62
Class A	-	5.99	-	7.04	-	5.24	8.45	4.67	-	7.41	6.82
Class B	4.18	4.08	3.80	4.10	6.12	3.87	6.74	5.27	3.29	4.78	4.29
Janitors, porters, and cleaners	4.81	5.07	4.16	4.13	6.08	4.57	6.24	5.18	3.64	5.52	5.59

See footnotes at end of table.

Table 3. Continued—Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, September-December 1980

Occupation	Louisville, Ky.-Ind.	Memphis, Tenn.-Ark.-Miss.	Miami, Fla.	New Orleans, La.	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Maine	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.	Seattle-Everett, Wash.
	November	November	October	October	October	November	December	December	November	November	November	December
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$10.25	$8.82	$7.80	$8.03	$7.41	$9.83	$6.29	$9.96	-	$9.56	$9.46	-
Maintenance electricians	10.74	10.33	8.51	9.87	9.18	9.81	7.79	10.73	-	9.99	10.46	-
Maintenance painters	9.45	-	5.51	6.68	-	9.55	-	6.81	-	9.69	9.51	-
Maintenance machinists	11.38	9.97	10.63	10.57	10.19	9.91	8.23	11.55	-	10.67	10.28	$11.67
Maintenance mechanics (machinery)	10.47	9.45	7.72	9.40	8.93	9.21	6.39	11.06	-	9.17	9.65	11.49
Maintenance mechanics (motor vehicles)	9.19	10.43	8.95	9.21	9.43	10.33	8.35	11.42	-	10.27	9.84	11.86
Maintenance pipefitters	11.28	11.25	-	-	-	10.06	-	-	-	10.79	-	-
Maintenance sheet-metal workers	11.85	-	-	-	-	9.38	-	-	-	-	-	-
Millwrights	11.09	10.88	-	-	-	10.01	-	-	-	-	-	-
Maintenance trades helpers	6.51	5.85	-	7.26	-	8.15	-	-	-	7.96	-	8.97
Machine-tool operators (toolroom)	-	-	-	-	-	9.25	-	-	-	-	10.61	-
Tool and die makers	10.30	9.23	-	-	-	10.20	-	11.52	-	9.19	10.45	-
Stationary engineers	10.49	9.79	5.37	8.44	7.32	9.14	-	11.05	-	8.70	9.55	10.79
Boiler tenders	9.57	6.98	-	-	-	8.12	-	-	-	-	-	-
Material movement and custodial												
Truckdrivers[3]	8.56	7.63	6.81	7.32	9.20	10.16	8.03	9.69	$9.90	8.77	9.10	11.60
Truckdrivers, light truck	5.30	4.00	5.07	4.21	4.73	5.42	-	5.57	-	5.04	4.79	10.10
Truckdrivers, medium truck	8.01	6.27	5.87	6.63	8.94	8.96	5.33	8.99	9.91	10.07	8.54	10.61
Truckdrivers, heavy truck	8.74	6.05	7.26	8.05	-	10.76	9.26	7.76	-	7.62	-	13.11
Truckdrivers, tractor-trailer	9.52	8.55	7.75	8.82	9.98	10.98	8.09	10.98	10.11	8.61	9.65	11.61
Shippers	6.90	6.69	5.01	7.11	6.07	6.74	5.59	8.92	-	5.71	6.52	8.29
Receivers	8.30	6.67	6.18	6.28	5.51	7.42	4.89	8.20	7.46	6.44	5.72	8.96
Shippers and receivers	7.70	7.91	5.45	-	6.45	6.98	5.07	8.47	-	5.62	6.15	9.13
Warehousemen	6.20	6.03	6.39	5.14	7.24	7.21	5.34	7.50	7.38	5.95	6.54	9.35
Order fillers	7.30	5.54	5.23	6.00	6.32	7.94	-	-	-	5.34	-	-
Shipping packers	7.03	5.14	4.35	-	6.43	6.10	4.85	8.31	-	4.60	-	8.07
Material handling laborers	7.47	5.50	4.75	5.91	6.63	7.18	6.32	8.17	9.39	8.78	5.51	9.94
Forklift operators	8.04	6.59	5.71	6.97	7.65	8.17	5.40	8.91	-	7.38	7.98	10.02
Power-truck operators (other than forklift)	9.27	8.10	-	-	-	-	-	-	-	7.33	-	-
Guards	4.56	3.89	4.11	3.43	3.73	4.00	-	5.48	-	4.58	4.35	4.36
Class A	8.18	4.46	4.63	-	-	7.03	-	-	-	4.82	6.65	7.67
Class B	3.89	3.78	3.91	3.40	3.39	3.77	-	5.26	-	3.97	4.08	3.74
Janitors, porters, and cleaners	5.03	3.78	3.91	3.51	4.07	5.46	5.47	5.56	8.80	3.87	4.49	6.19

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Manufacturing, transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey														
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled main-tenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled main-tenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Buffalo	9.4	10.4	12.9	11.1	10.1	10.2	9.7	13.3	11.4	10.8	8.5	—	—	9.2
Philadelphia	9.3	9.4	9.1	10.1	9.8	9.4	8.2	8.6	10.3	10.9	9.2	9.9	10.9	8.9
Portland	9.2	10.1	—	9.3	9.4	—	—	—	7.9	8.7	9.0	—	—	10.8
South														
Dallas-Fort Worth	13.4	9.5	11.7	12.0	9.5	11.2	11.8	11.5	10.9	13.2	14.4	8.6	—	8.1
Jacksonville	9.4	7.1	7.9	8.8	10.1	—	—	—	9.9	9.4	9.2	7.3	—	10.4
Louisville	10.9	11.7	12.2	10.3	11.1	11.2	—	12.2	10.6	11.9	10.8	11.5	—	9.7
Memphis	9.2	8.7	10.2	10.1	9.1	8.1	—	9.7	10.8	10.5	9.7	9.0	—	8.5
Miami	9.5	9.0	—	10.0	8.2	—	—	—	—	8.4	9.3	8.8	—	8.2
New Orleans	9.4	9.4	—	10.5	8.3	—	—	—	10.7	10.7	9.5	9.2	—	7.6
North Central														
Columbus	9.9	10.0	10.6	10.7	9.5	10.7	—	10.3	11.0	12.0	9.5	10.3	—	8.3
Dayton	9.7	9.9	10.8	10.3	10.3	9.3	10.1	10.7	10.2	11.1	10.2	—	—	8.3
Gary-Hammond—East Chicago	9.7	6.8	8.1	10.1	10.0	—	—	8.0	10.4	11.0	—	—	—	—
Indianapolis	9.3	9.5	9.0	10.9	11.8	9.2	10.1	9.0	11.1	13.9	9.3	9.1	—	9.4
Kansas City	9.1	8.4	7.6	9.9	10.4	9.8	8.9	6.8	9.5	11.0	8.9	8.2	—	10.1
Omaha	10.7	14.3	10.3	10.5	9.8	—	—	—	11.0	11.0	10.8	14.2	—	9.2
Saginaw	9.6	—	—	—	12.4	—	—	—	—	—	—	—	—	—
West														
Anaheim-Santa Ana—Garden Grove	9.7	9.1	12.4	10.6	8.0	9.4	—	12.7	10.3	10.0	9.9	—	—	—
Denver-Boulder	10.8	11.0	12.9	11.0	10.5	10.7	8.3	13.2	10.5	8.2	10.9	11.9	—	11.2
Los Angeles—Long Beach	9.0	9.9	12.1	12.0	9.8	9.6	9.4	12.3	11.8	13.0	8.7	10.3	11.6	8.6
Sacramento	9.2	—	—	11.4	9.3	—	—	—	—	10.2	8.6	—	—	9.0
Salt Lake City—Ogden	11.5	11.3	—	12.1	11.8	10.5	—	—	12.0	11.1	11.9	12.0	—	12.0
San Diego	12.0	12.0	12.5	11.9	9.4	12.7	11.1	12.8	12.1	—	11.7	12.7	—	8.7
Seattle—Everett	9.3	9.7	—	14.3	9.9	—	—	—	14.5	—	8.3	9.8	—	8.5

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas and industry divisions

71 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and supplementary wage provisions* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices.

Area

Albany—Schenectady—Troy, N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.
Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.
Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.
Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.
Fresno, Calif.
Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem—High Point, N.C.

Area

Greenville—Spartanburg, S.C.
Hartford, Conn.
Houston, Tex.
Huntsville, Ala.
Indianapolis, Ind.
Jackson, Miss.
Jacksonville, Fla.
Kansas City, Mo.—Kans.
Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.
Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.
Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania
Oklahoma City, Okla.
Omaha, Nebr.—Iowa
Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.

Area

Portland, Maine
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Poughkeepsie—Kingston—Newburgh, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.
Richmond, Va.
St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich.
Salt Lake City—Ogden, Utah
San Antonio, Tex.
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San Francisco—Oakland, Calif.
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Birmingham, Ala.
Bremerton—Shelton, Wash.
Brunswick, Ga.
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Cheyenne, Wyo.
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Knoxville, Tenn.
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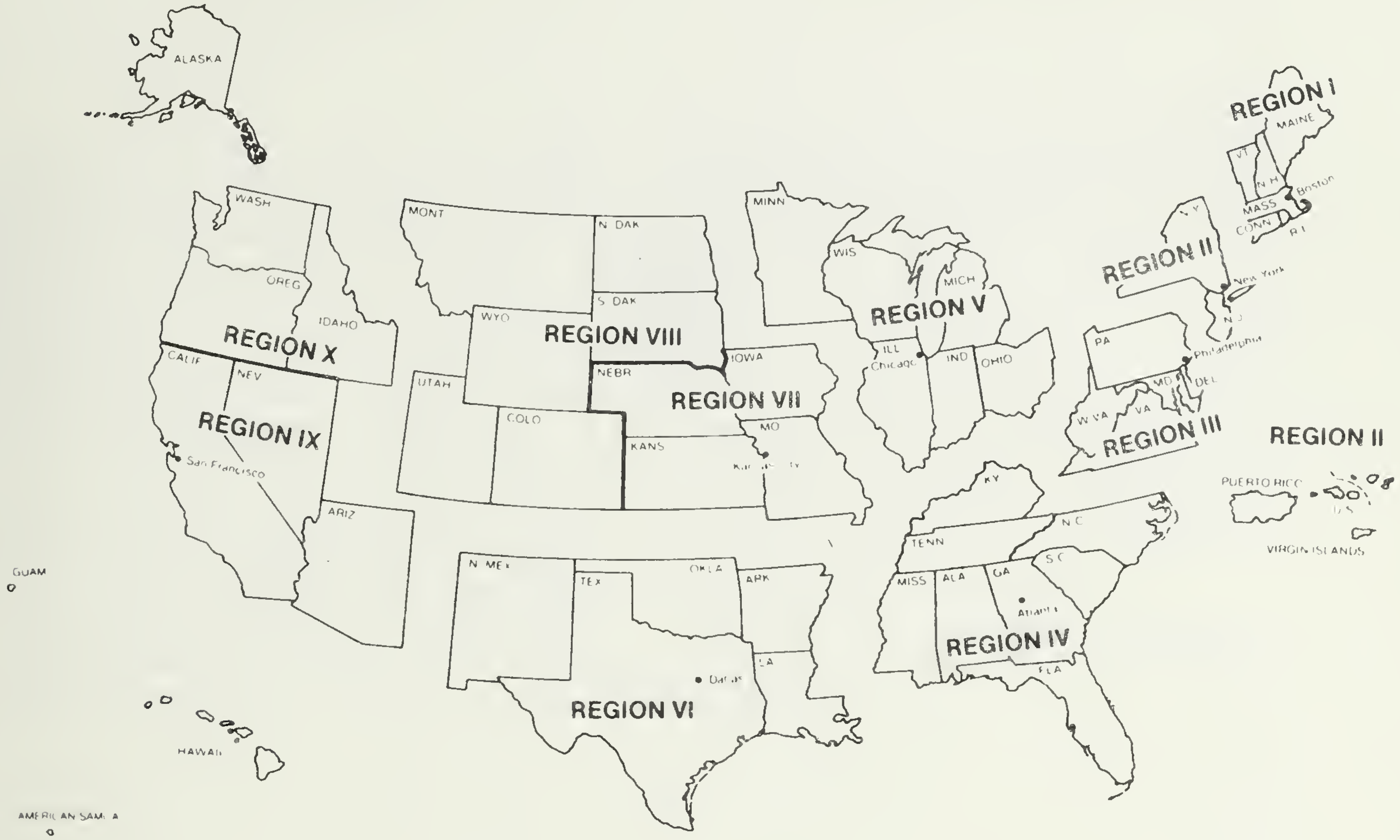

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Occupational Earnings in All Metropolitan Areas, July 1980

U.S. Department of Labor
Bureau of Labor Statistics
August 1981

Summary 81-11

This summary provides national and regional estimates of occupational earnings in metropolitan areas in July 1980.[1] Average earnings are provided for the following types of occupations: Office clerical; professional and technical; maintenance, toolroom, and powerplant; and material movement and custodial. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. Occupational descriptions are available on request.

Selected occupational earnings information by industry division and sex is also provided in this summary. In the past, this information was provided in a comprehensive bulletin that was published after issuance of the annual summary. The bulletin has been discontinued.

Data in this summary are based on occupational earnings information from the Bureau of Labor Statistics' annual area wage survey program. The all-area estimates were derived from 70 sample areas selected and appropriately weighted to represent the 262 Standard Metropolitan Statistical Areas of the United States (excluding Alaska and Hawaii) as defined by the Office of Management and Budget through February 1974.

Establishments of 50 workers or more were surveyed in the following industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. In 13 of the largest areas, the minimum establishment size was 100 workers in manufacturing; transportation, communication, and other public utilities; and retail trade. Major exclusions from the survey were construction, extractive industries, and government.

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[1] Average month of reference. Data were collected during calendar year 1980.

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Table 1. Average straight-time earnings for selected occupations, all metropolitan areas, by industry division, July 1980

Occupation[1]	Total number of workers	Average straight-time earnings[2]							
		All industries	Manufacturing	Nonmanufacturing	Public utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Office clerical									
Secretaries	310,685	$262.50	$276.50	$252.00	$304.50	$264.00	$237.50	$232.50	$256.50
Class A	19,394	318.50	332.00	307.00	362.00	311.00	275.50	291.50	302.00
Class B	60,611	291.00	307.00	279.00	327.50	296.50	251.00	258.50	282.00
Class C	99,391	267.50	282.00	254.50	299.50	270.50	227.50	236.50	259.00
Class D	81,503	240.00	249.50	233.50	283.50	244.50	210.00	217.50	238.00
Class E	36,780	221.00	233.00	214.50	253.00	214.50	197.50	200.50	233.00
Stenographers	41,837	249.50	256.50	244.50	280.50	245.00	209.00	189.00	241.00
Senior	20,636	260.00	269.50	253.00	287.50	272.00	—	200.00	257.00
General	21,098	239.00	242.50	236.50	276.00	208.50	200.50	176.50	215.00
Transcribing-machine typists	14,797	192.50	199.50	190.50	249.00	197.50	—	182.50	197.50
Typists	87,274	188.50	210.50	180.50	236.00	191.50	184.00	164.00	191.50
Class A	32,123	213.50	236.00	203.50	262.00	218.00	212.00	178.50	216.50
Class B	54,566	173.50	192.50	167.50	217.00	176.50	171.00	157.50	165.50
File clerks	57,509	162.00	191.50	158.00	246.50	164.00	152.00	149.50	171.50
Class A	4,889	216.00	246.00	208.50	334.50	198.00	—	183.00	216.00
Class B	20,490	169.00	197.50	164.50	248.00	172.00	165.00	154.50	178.50
Class C	32,047	149.00	169.00	147.00	199.00	156.00	144.50	142.50	157.00
Messengers	24,216	170.50	181.00	167.00	221.50	172.50	169.50	154.00	161.00
Switchboard operators	22,991	192.00	233.00	182.00	272.50	196.00	164.00	172.50	170.00
Switchboard operator-receptionists	41,051	186.50	192.00	182.50	226.00	189.00	163.50	172.50	184.00
Order clerks	46,318	222.00	222.50	221.00	—	230.50	172.00	—	209.00
Class A	15,954	260.50	255.00	265.50	—	271.00	—	—	—
Class B	29,789	199.50	202.50	197.00	—	206.00	161.50	—	—
Accounting clerks	243,954	216.50	229.50	210.50	275.50	205.50	188.50	190.00	206.00
Payroll clerks	34,851	229.50	234.50	225.00	284.50	229.00	201.00	208.50	218.00
Key entry operators	123,032	206.50	222.50	200.00	268.50	205.50	193.00	184.00	184.50
Class A	46,517	228.50	244.50	221.00	294.50	230.00	218.00	197.00	206.00
Class B	75,638	192.50	206.00	187.50	248.50	193.00	181.00	174.00	176.00
Professional and technical									
Computer systems analysts (business)	61,563	454.00	477.50	441.50	493.50	452.50	437.50	420.00	436.00
Class A	23,640	507.00	524.00	496.50	552.00	505.00	491.00	470.00	499.50
Class B	26,676	438.00	453.50	429.50	482.00	437.00	407.00	411.50	420.00
Class C	10,457	378.00	416.50	362.00	406.00	369.00	—	354.50	345.00
Computer programmers (business)	67,570	353.50	379.50	340.50	404.50	349.00	337.50	326.00	330.00
Class A	22,284	410.00	425.00	398.00	438.50	415.50	399.50	383.50	398.50
Class B	29,322	345.50	359.00	339.50	411.50	353.00	333.50	321.50	320.00
Class C	15,452	287.00	309.50	280.50	346.00	288.50	261.00	277.00	255.50
Computer operators	70,509	263.00	282.50	253.00	313.00	253.00	247.50	238.00	238.50
Class A	16,860	314.50	331.00	303.50	375.50	315.50	310.50	287.50	281.50
Class B	35,302	259.00	272.50	252.00	308.50	252.50	246.00	235.00	240.50
Class C	17,840	223.00	243.00	215.50	279.50	218.50	194.50	199.00	199.00
Peripheral equipment operators	4,014	241.50	318.00	210.00	305.50	—	—	198.00	197.50
Computer data librarians	2,989	230.50	256.50	222.00	300.50	—	—	205.00	209.00
Electronics technicians	77,077	357.00	324.00	391.00	405.00	398.50	—	—	314.50
Class A	25,831	405.00	379.00	431.50	431.00	—	—	—	382.00
Class B	37,866	355.50	315.00	389.50	402.00	—	—	—	303.00
Class C	11,305	257.50	258.50	254.00	252.50	—	—	—	236.50
Registered industrial nurses	8,768	341.00	343.50	327.50	360.00	—	—	309.00	—
Maintenance, toolroom, and powerplant									
Maintenance carpenters	14,627	9.34	9.56	8.90	9.37	—	9.30	8.45	8.25
Maintenance electricians	65,211	10.18	10.21	10.01	10.49	9.45	9.60	9.12	8.90
Maintenance painters	9,788	9.00	9.72	7.78	9.46	—	9.16	6.91	7.58
Maintenance machinists	35,303	9.78	9.71	10.74	10.89	—	—	—	—
Maintenance mechanics (machinery)	111,391	9.53	9.55	9.29	10.24	8.46	8.00	—	8.23
Maintenance mechanics (motor vehicles)	63,010	9.72	9.38	9.84	10.25	8.90	9.20	—	7.81
Maintenance pipefitters	26,862	10.53	10.55	9.98	10.10	—	—	—	—
Maintenance sheet-metal workers	6,295	10.64	10.77	9.08	9.49	—	—	—	—
Millwrights	28,880	10.76	10.76	—	—	—	—	—	—
Maintenance trades helpers	16,182	7.72	8.08	6.87	7.14	—	6.36	—	5.21
Machine-tool operators (toolroom)	21,181	10.20	10.23	—	—	—	—	—	—
Tool and die makers	48,498	10.34	10.34	—	—	—	—	—	—
Stationary engineers	19,663	9.42	9.65	9.05	9.85	—	9.95	8.38	8.77
Boiler tenders	9,259	8.14	8.23	7.63	—	—	—	—	6.56

See footnotes at end of table.

Table 1. Continued—Average straight-time earnings for selected occupations, all metropolitan areas, by industry division, July 1980

Occupation[1]	Total number of workers	Average straight-time earnings[2]							
		All industries	Manufacturing	Nonmanufacturing	Public utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Material movement and custodial									
Truckdrivers	288,565	$8.71	$7.88	$9.01	$10.61	$7.41	$7.56	$5.95	$6.47
Light truck	28,580	6.17	5.97	6.24	9.96	5.53	4.50	5.84	5.91
Medium truck	79,954	8.34	7.36	8.59	10.72	6.73	6.28	—	6.23
Heavy truck	39,897	8.31	8.12	8.49	9.75	7.91	6.54	—	—
Tractor-trailers	115,905	9.63	8.05	10.01	10.79	8.60	9.46	—	—
Shippers	20,423	6.77	6.71	6.88	—	6.93	6.80	—	—
Receivers	28,821	6.69	6.95	6.49	8.00	6.53	6.50	—	4.90
Shippers and receivers	23,797	6.53	6.47	6.62	8.42	6.99	5.88	—	5.66
Warehousemen	107,542	7.11	6.77	7.31	8.07	7.30	6.93	5.51	5.15
Order fillers	91,170	6.59	6.14	6.75	—	6.62	7.15	—	—
Shipping packers	46,808	5.86	5.89	5.77	—	6.11	5.16	—	—
Material handling laborers	144,973	7.10	6.51	7.75	9.97	6.25	6.14	—	4.58
Forklift operators	143.031	7.78	7.74	7.92	9.02	7.36	8.49	—	—
Power-truck operators	15,062	7.58	7.95	6.25	—	—	5.70	—	—
Guards	208,110	4.40	7.40	3.82	7.30	5.80	5.06	5.46	3.57
Class A	27,034	6.03	8.05	5.19	7.92	—	6.48	5.88	4.35
Class B	174,072	4.15	7.17	3.65	6.56	5.77	4.58	5.14	3.50
Janitors, porters, and cleaners	382,390	4.87	6.55	4.34	6.73	5.54	4.37	5.01	4.06

[1] Total employment and average earnings for overall classifications may include data for workers not classified by level.

[2] Earnings of office clerical and professional and technical workers relate to regular straight-time salaries that are paid for standard workweeks. Earnings of maintenance, toolroom, and powerplant and material movement and custodial workers relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[3] Transportation, communication, and other public utilites.

[4] Finance, insurance, and real estate.

NOTE: Dashes indicate that data do not meet publication criteria.

Table 2. Average straight-time earnings for selected occupations, all metropolitan areas, by sex and region, July 1980

Occupation[1]	Average straight-time earnings[2]					
	United States, by sex[3]		Four regions,[4] men and women combined			
	Men	Women	Northeast	South	North Central	West
Office clerical						
Secretaries	—	$262.00	$257.00	$246.50	$270.50	$280.50
Class A	—	318.00	324.50	289.00	326.00	329.00
Class B	—	290.50	288.50	272.00	294.00	315.50
Class C	—	267.50	259.00	254.50	276.50	283.00
Class D	—	240.00	233.00	233.50	243.00	259.50
Class E	—	221.50	213.00	210.50	222.50	248.50
Stenographers	—	248.00	233.50	252.50	254.00	266.00
Senior	—	258.50	243.50	260.00	267.00	274.00
General	—	237.00	226.00	245.00	240.00	258.50
Transcribing-machine typists	—	191.50	191.00	185.50	193.00	209.50
Typists	—	187.00	176.50	180.00	200.00	206.50
Class A	—	212.00	201.50	203.00	222.00	232.00
Class B	—	172.50	163.50	169.50	182.50	189.00
File clerks	—	160.00	155.50	155.00	167.00	175.50
Class A	—	208.00	198.50	208.50	231.50	230.50
Class B	—	167.00	163.00	162.50	173.00	178.00
Class C	—	148.50	144.00	147.50	150.00	161.50
Messengers	$170.00	166.00	160.50	169.00	173.00	192.00
Switchboard operators	—	190.50	197.50	171.00	202.00	199.00
Switchboard operator-receptionists	—	186.00	185.50	177.00	189.00	198.00
Order clerks	262.00	206.50	214.50	207.50	225.00	242.50
Class A	285.00	238.00	252.50	249.50	260.50	284.50
Class B	225.50	194.50	196.50	186.00	198.00	222.00
Accounting clerks	—	210.50	210.50	206.00	222.00	232.50
Payroll clerks	284.00	224.50	—	—	—	—
Key entry operators	—	205.00	198.00	191.50	214.50	227.00
Class A	—	226.50	218.50	218.00	236.50	244.50
Class B	—	191.50	183.50	179.50	197.50	217.00

See footnotes at end of table.

Table 2. Continued—Average straight-time earnings for selected occupations, all metropolitan areas, by sex and region, July 1980

Occupation[1]	Average straight-time earnings[2]					
	United States, by sex[3]		Four regions,[4] men and women combined			
	Men	Women	Northeast	South	North Central	West
Professional and technical						
Computer systems analysts (business)	461.00	—	$447.50	$433.00	$462.50	$472.00
Class A	510.00	—	507.00	493.50	500.50	532.00
Class B	440.00	—	430.50	416.50	453.00	448.00
Class C	383.50	—	347.50	352.00	414.00	390.50
Computer programmers (business)	361.50	—	349.50	331.00	361.50	383.00
Class A	414.00	—	400.50	388.50	423.00	446.50
Class B	347.00	—	338.00	329.50	352.00	374.50
Class C	292.00	$276.50	274.00	263.50	307.50	308.50
Computer operators	268.00	246.00	258.00	244.50	275.00	281.00
Class A	314.50	—	308.00	296.50	325.50	331.50
Class B	262.00	249.00	253.50	244.00	269.00	276.00
Class C	219.00	220.50	210.00	211.00	242.50	232.50
Peripheral equipment operators	241.50	244.50	210.00	193.50	302.50	259.00
Computer data librarians	—	227.50	218.50	212.50	248.00	251.50
Electronics technicians	356.00	—	345.00	339.00	360.00	376.50
Class A	406.00	—	387.50	390.50	407.50	422.00
Class B	348.50	—	346.50	336.00	362.00	372.50
Class C	256.50	—	242.00	251.50	272.00	262.00
Registered industrial nurses	—	339.50	318.50	323.50	360.00	370.00
Maintenance, toolroom, and powerplant						
Maintenance carpenters	9.32	—	8.54	8.63	10.10	10.22
Maintenance electricians	10.14	—	9.32	9.45	10.82	10.47
Maintenance painters	8.98	—	8.31	7.91	10.15	9.26
Maintenance machinists	9.77	—	9.02	9.73	10.27	10.68
Maintenance mechanics (machinery)	9.46	—	8.55	9.01	10.25	9.71
Maintenance mechanics (motor vehicles)	9.71	—	9.28	8.84	10.30	10.61
Maintenance pipefitters	10.53	—	9.55	10.59	10.91	10.88
Maintenance sheet-metal workers	10.66	—	9.60	10.19	11.20	10.62
Millwrights	10.75	—	9.75	10.16	11.08	—
Maintenance trades helpers	7.73	—	7.39	6.91	8.39	7.87
Machine-tool operators (toolroom)	10.23	—	8.69	9.38	10.91	10.27
Tool and die makers	10.35	—	9.27	9.30	11.00	10.78
Stationary engineers	9.41	—	9.16	8.60	9.79	10.14
Boiler tenders	8.10	—	7.44	7.40	8.94	8.28
Material movement and custodial						
Truckdrivers	8.71	—	8.77	7.23	9.62	9.54
Light truck	6.23	—	6.18	4.73	7.16	7.42
Medium truck	8.25	—	8.61	7.04	9.28	9.16
Heavy truck	8.31	—	8.36	6.60	9.04	9.58
Tractor-trailers	9.61	—	9.61	8.39	10.29	10.34
Shippers	6.80	—	6.51	6.14	7.34	7.02
Receivers	6.70	—	6.42	6.02	7.22	7.26
Shippers and receivers	6.49	—	6.39	6.07	6.71	6.96
Warehousemen	7.09	—	6.99	6.09	7.73	7.28
Order fillers	7.06	5.04	5.97	5.99	7.16	7.68
Shipping packers	6.37	5.04	5.48	5.08	6.54	5.67
Material handling laborers	7.10	—	6.92	5.76	8.17	7.60
Forklift operators	7.75	—	7.26	6.68	8.47	8.24
Power-truck operators	7.54	—	8.24	6.12	8.23	8.00
Guards	4.41	—	4.16	3.85	5.25	4.53
Class A	5.97	—	5.86	5.02	6.50	6.24
Class B	4.17	—	4.00	3.74	5.01	4.19
Janitors, porters, and cleaners	5.07	4.41	5.26	3.81	5.53	5.26

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[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

[3] Some establishments did not provide data by sex. Therefore, average earnings of both men and women may be higher or lower than earnings shown in table 1 for men and women combined.

[4] The regions are defined as follows: *Northeast*—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; *South*—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; *North Central*—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; and *West*—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that data do not meet publication criteria.

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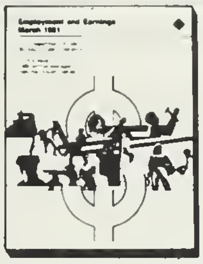
☐ **Employment and Earnings,** monthly periodical		Comprehensive labor force and establishment data. National, State, and area figures on employment, unemployment, hours, earnings, and labor turnover.	One-year subscription includes annual *Supplement to Employment and Earnings, Revised Establishment Data* (shown below).	subscription $28 single copy $3.25
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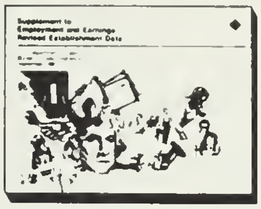
☐ **Supplement to Employment and Earnings, Revised Establishment Data** September 1980		Data for 1977-80, unadjusted. Data for 1974-1980, seasonally adjusted. 311 pages.		single copy $4.25
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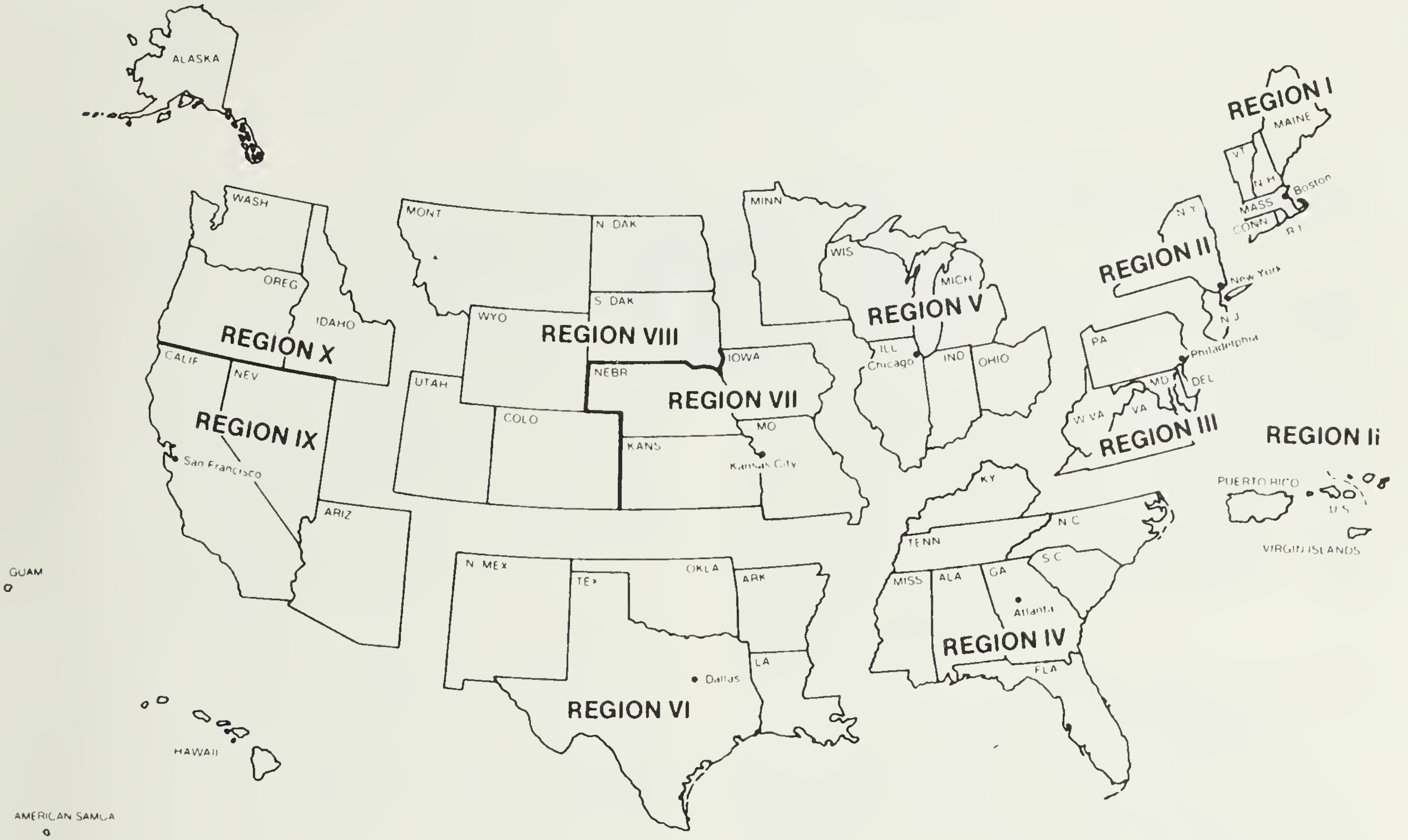

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1981

U.S. Department of Labor
Bureau of Labor Statistics
November 1981

Summary 81-18 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from January through June 1981. Data for the remaining 47 areas surveyed in 1981 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is too small to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans. This information on establishment practices and supplementary wage benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 115 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation and level[3]	Atlanta, Ga.[4,5]	Chicago, Ill.[5]	Davenport-Rock Island-Moline, Iowa-Ill.[5]	Detroit, Mich.	Hartford, Conn.[5]	Houston, Tex.[5]	Huntsville, Ala.[5]	Jackson, Miss.	Milwaukee, Wis.[4,5]	Minneapolis-St. Paul, Minn.-Wis.[4,5]	Newark, N.J.[5]	New York, N.Y.-N.J.[4,5]
	May	May	February	April	March	May	February	January	May	January	January	May
Secretaries	$286.50	$294.50	$372.00	$374.50	$247.50	$314.50	$255.00	$220.00	$281.00	$259.00	$286.50	$289.00
Secretaries I	225.50	238.50	–	248.50	210.50	274.00	–	–	266.50	229.50	253.50	236.50
Secretaries II	256.50	275.50	260.00	330.50	229.50	291.50	229.50	204.50	243.50	238.50	267.00	264.50
Secretaries III	308.00	296.00	390.50	374.50	269.50	331.00	298.50	239.50	277.50	250.50	293.50	294.50
Secretaries IV	316.50	320.00	404.50	422.50	301.50	351.50	237.50	265.00	309.00	283.00	313.00	314.50
Secretaries V	378.50	366.50	–	424.00	343.50	401.00	–	284.00	337.00	316.50	351.50	364.50
Stenographers	316.00	291.50	323.50	340.00	–	296.50	250.50	218.50	244.00	238.50	257.00	250.50
Stenographers I	279.00	276.50	320.00	291.50	221.00	288.50	–	218.00	227.50	253.50	249.00	228.00
Stenographers II	337.00	302.50	336.50	361.50	–	300.50	–	219.50	249.50	230.50	273.00	262.00
Transcribing-machine typists	206.50	223.00	204.00	232.00	193.50	249.50	–	164.00	225.00	200.50	217.00	226.50
Typists	205.50	215.00	295.00	224.50	189.50	221.50	180.50	163.50	210.50	204.50	190.50	195.50
Typists I	190.00	199.00	234.50	194.00	172.00	212.00	167.00	161.00	188.00	191.50	176.00	182.50
Typists II	227.00	237.50	330.50	305.50	218.00	233.50	214.00	–	225.50	226.50	214.50	218.50
File clerks	167.00	181.50	212.50	174.00	159.50	182.50	–	147.00	197.00	167.50	169.00	175.00
File clerks I	155.50	166.50	164.00	160.50	149.00	172.00	–	145.00	175.50	152.50	155.00	159.00
File clerks II	186.50	195.50	225.00	204.50	166.00	205.00	–	–	198.00	186.50	173.00	186.00
File clerks III	–	227.50	–	–	–	–	–	–	227.50	253.00	–	225.50
Messengers	196.00	186.00	298.00	207.50	161.50	179.00	–	171.00	188.00	164.00	184.50	171.50
Switchboard operators	213.00	224.00	237.00	238.50	215.50	205.50	154.50	173.50	212.50	195.00	216.00	218.50
Switchboard operator-receptionists	194.00	216.50	215.50	221.50	193.00	224.50	188.00	185.00	209.00	195.00	199.00	213.50
Order clerks	233.00	237.50	269.00	291.00	207.50	256.00	–	270.50	227.50	229.00	226.00	225.00
Order clerks I	208.00	219.00	–	–	204.50	203.00	–	–	219.00	210.50	212.00	203.00
Order clerks II	264.00	275.50	347.50	369.00	–	360.50	–	295.00	236.00	257.50	255.50	261.50
Accounting clerks	238.50	242.50	304.00	256.00	206.00	253.00	204.50	203.00	229.50	219.50	235.00	235.50
Accounting clerks I	215.00	211.00	–	215.50	164.00	213.00	171.00	195.50	194.50	178.50	184.00	189.50
Accounting clerks II	224.00	238.50	242.50	276.00	198.00	232.00	187.00	225.00	211.00	200.00	218.50	218.00
Accounting clerks III	237.50	280.00	323.00	–	232.50	282.00	203.00	–	257.00	233.50	250.50	258.00
Accounting clerks IV	277.50	310.00	376.50	–	267.50	321.50	294.50	–	279.50	296.00	274.50	257.50
Payroll clerks	241.50	257.00	323.50	275.50	211.50	267.00	199.00	217.50	249.00	236.00	238.50	240.00
Key entry operators	224.50	236.00	297.00	244.00	194.00	237.50	199.00	187.50	227.50	211.50	219.00	232.50
Key entry operators I	208.50	220.50	231.00	212.50	182.00	224.50	195.50	182.50	210.50	196.00	203.50	226.00
Key entry operators II	276.00	253.00	351.00	307.00	204.50	255.50	205.00	204.00	248.50	223.50	251.00	242.00

See footnotes at end of table.

Table 1. Continued—Average earnings[1] for selected office occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation and level[3]	Norfolk-Virginia Beach-Portsmouth, Va.-N.C. May	Pittsburgh, Pa. January	St. Louis, Mo.-Ill. March	San Antonio, Tex.[5] May	San Francisco-Oakland, Calif.[4] [5] March	San Jose, Calif.[4] [5] March	Toledo, Ohio-Mich.[4] [5] June	Washington, D.C.-Md.-Va.[4] [5] March	Wichita, Kans.[5] April	Worcester, Mass.[5] April	York, Pa.[4] [5] February
Secretaries	$234.50	$288.00	$270.50	$232.50	$296.00	$307.00	$312.50	$287.00	$297.50	$271.50	$242.00
Secretaries I	196.50	244.50	229.50	192.50	257.50	288.00	282.00	254.50	255.00	207.00	234.00
Secretaries II	237.00	260.50	256.50	224.50	262.50	290.00	270.50	263.50	294.50	245.00	217.00
Secretaries III	241.50	294.00	267.00	246.50	295.00	301.00	314.00	291.00	293.50	268.00	239.50
Secretaries IV	255.50	320.50	284.00	264.00	329.50	328.50	324.50	317.50	313.50	293.50	262.00
Secretaries V	-	388.00	334.00	309.50	362.50	357.50	414.50	369.50	341.50	330.50	295.50
Stenographers	230.00	258.00	253.50	-	328.00	-	294.50	274.50	307.00	230.00	226.50
Stenographers I	230.50	264.00	242.00	249.00	258.50	-	278.50	324.50	289.50	-	215.50
Stenographers II	-	249.00	266.00	-	368.50	-	-	247.00	-	-	238.50
Transcribing-machine typists	-	204.00	207.00	-	-	-	-	265.00	242.50	210.00	-
Typists	189.50	183.50	202.00	165.50	229.00	251.50	243.50	218.50	212.00	176.00	196.00
Typists I	170.00	174.50	186.00	157.00	209.00	201.50	229.50	217.00	207.00	-	181.50
Typists II	-	213.50	233.50	176.50	271.00	284.00	267.00	222.50	230.00	204.50	225.50
File clerks	146.50	164.50	174.00	149.00	195.50	225.00	176.50	199.00	201.50	162.00	163.50
File clerks I	-	149.00	155.50	144.00	184.00	-	152.50	212.00	153.50	155.00	144.00
File clerks II	-	177.00	174.50	157.50	194.50	229.00	192.00	175.00	183.50	166.50	-
File clerks III	-	189.50	204.00	-	252.50	-	-	219.00	302.00	-	-
Messengers	-	184.50	199.50	146.00	212.50	199.00	192.50	200.50	245.50	167.50	-
Switchboard operators	177.00	219.00	213.50	164.50	225.50	215.00	239.00	192.50	231.00	234.50	210.50
Switchboard operator-receptionists	172.00	202.00	200.50	173.00	222.00	213.00	197.50	213.00	194.50	198.50	183.50
Order clerks	171.00	265.00	229.00	159.00	282.50	258.00	215.50	222.50	269.50	232.00	221.50
Order clerks I	171.00	260.00	190.50	159.00	259.50	231.00	201.00	215.00	250.00	213.00	190.50
Order clerks II	-	274.50	277.00	-	310.00	-	-	229.50	310.00	246.00	270.00
Accounting clerks	189.00	225.50	227.00	195.00	269.00	252.00	249.00	226.50	243.50	230.50	195.50
Accounting clerks I	173.00	199.00	197.00	-	241.50	194.50	219.00	194.50	180.50	-	181.50
Accounting clerks II	232.50	265.00	271.50	181.00	249.00	236.00	232.00	215.50	219.00	212.00	200.00
Accounting clerks III	-	-	-	221.50	284.00	266.00	279.50	239.50	249.00	253.50	223.00
Accounting clerks IV	-	-	-	257.00	318.50	285.00	344.50	277.50	342.00	282.50	-
Payroll clerks	198.50	283.50	248.00	200.50	281.00	260.00	272.50	235.50	251.50	231.00	208.00
Key entry operators	-	226.50	223.00	194.00	272.50	261.50	235.50	210.00	257.50	221.50	190.00
Key entry operators I	-	209.50	216.50	185.00	257.00	241.00	207.00	205.50	245.00	200.00	180.50
Key entry operators II	206.00	255.00	239.50	224.00	290.00	289.50	270.50	227.00	275.50	234.00	213.00

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[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised description for stenographers was introduced in this area in 1981. The revised description is being phased into the program over a 3-year period and is not comparable to the previous description.

[5] A revised 4-level occupational description for accounting clerks was introduced in this area in 1980 or 1981. The revised description is being phased into the program over a 3-year period and is not comparable to the previous description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation and level[3]	Atlanta, Ga.[4]	Chicago, Ill.	Davenport-Rock Island-Moline, Iowa-Ill.	Detroit, Mich.	Hartford, Conn.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.[4]	Minneapolis-St. Paul, Minn.-Wis.[4]	Newark, N.J.	New York, N.Y.-N.J.[4]
	May	May	February	April	March	May	February	January	May	January	January	May
Computer systems analysts (business)	$502.50	$494.50	$613.50	$562.00	$474.50	$490.50	-	$396.50	$487.00	$454.50	$490.50	$535.50
Computer systems analysts (business) I	445.00	388.50	-	495.00	350.50	407.50	-	-	456.00	370.50	382.00	410.00
Computer systems analysts (business) II	512.00	478.00	611.50	567.50	450.00	471.50	-	382.50	459.50	422.50	469.50	532.00
Computer systems analysts (business) III	589.50	551.00	-	604.50	524.50	571.00	-	454.50	542.00	501.00	547.50	569.00
Computer programmers (business)	359.00	395.50	445.50	437.50	360.00	425.50	-	358.00	375.50	373.00	371.00	404.50
Computer programmers (business) I	295.00	344.00	385.00	352.00	311.50	349.50	-	273.50	317.00	321.00	329.50	333.00
Computer programmers (business) II	366.50	384.00	440.00	416.50	377.50	409.00	-	343.00	364.50	375.00	371.50	396.00
Computer programmers (business) III	469.00	450.00	525.00	539.50	428.00	501.00	-	420.50	421.50	426.50	399.50	450.50
Computer operators	290.50	300.00	388.50	362.00	260.50	286.50	$232.50	248.50	292.00	257.50	293.00	291.00
Computer operators I	265.50	251.00	352.00	359.00	225.50	249.00	205.00	189.50	251.00	213.00	262.50	241.00
Computer operators II	300.50	297.50	347.00	344.50	271.50	288.50	236.50	252.50	285.50	256.00	283.50	287.00
Computer operators III	384.50	339.50	482.50	418.50	344.00	351.50	290.00	310.00	343.00	309.50	337.50	338.50
Peripheral equipment operators	215.50	319.00	-	-	209.50	-	-	-	-	-	254.50	-
Computer data librarians	234.50	264.50	-	320.50	248.00	248.00	-	-	240.50	219.00	259.50	241.50
Drafters	297.50	337.50	359.50	467.00	326.00	368.00	284.00	282.00	336.00	325.50	325.50	330.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-	242.50
Drafters II	214.50	252.00	-	279.50	-	261.00	192.00	-	245.50	259.00	204.00	263.00
Drafters III	286.00	308.00	335.00	366.00	274.00	303.00	-	-	286.00	268.50	280.50	311.00
Drafters IV	341.50	367.50	373.00	449.50	318.00	380.50	294.50	311.00	342.50	337.50	343.50	334.00
Drafters V	421.50	445.50	400.50	580.50	-	479.50	398.50	-	389.00	407.00	420.50	395.00
Electronics technicians	400.50	425.50	366.50	470.50	374.00	377.00	283.50	-	422.50	379.00	404.00	420.00
Electronics technicians I	-	-	-	-	-	-	-	-	-	295.00	246.50	-
Electronics technicians II	395.00	-	338.50	415.50	316.00	363.00	-	-	423.00	342.50	-	444.50
Electronics technicians III	446.50	467.50	-	-	422.00	437.00	365.50	-	383.00	409.50	430.00	483.50
Registered industrial nurses	388.00	368.00	383.50	455.50	328.00	388.50	317.50	-	369.50	354.50	334.50	355.00

See footnotes at end of table.

Table 2. Continued—Average earnings[1] for selected professional and technical occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation and level[3]	Norfolk-Virginia Beach-Portsmouth, Va.-N.C. May	Pittsburgh, Pa. January	St. Louis, Mo.-Ill. March	San Antonio, Tex. May	San Francisco-Oakland, Calif.[4] March	San Jose, Calif.[4] March	Toledo, Ohio-Mich.[4] June	Washington, D.C.-Md.-Va.[4] March	Wichita, Kans. April	Worcester, Mass. April	York, Pa.[4] February
Computer systems analysts (business)	$398.00	$479.50	$484.00	$481.00	$495.00	$521.50	$505.50	$456.00	$454.00	$436.00	$388.00
Computer systems analysts (business) I	-	413.00	309.00	-	401.50	403.00	-	348.00	-	-	-
Computer systems analysts (business) II	-	471.00	427.00	486.50	477.00	489.50	463.50	430.50	444.50	439.00	381.00
Computer systems analysts (business) III	400.50	527.50	527.50	563.50	572.00	608.00	550.00	509.00	518.50	510.50	-
Computer programmers (business)	327.50	361.00	367.50	322.00	380.50	426.50	383.50	381.50	367.50	372.50	337.50
Computer programmers (business) I	-	299.50	309.00	268.50	321.50	357.00	281.50	332.00	-	285.50	249.00
Computer programmers (business) II	332.00	354.00	352.50	334.50	389.00	404.50	369.00	379.50	364.50	360.00	347.00
Computer programmers (business) III	-	395.00	410.50	394.00	492.00	470.00	457.00	427.50	425.50	449.00	446.00
Computer operators	224.50	273.50	275.50	218.00	315.50	318.00	307.00	277.00	291.00	270.50	234.00
Computer operators I	193.50	241.00	242.00	178.50	276.00	273.50	253.50	250.00	264.00	214.50	202.50
Computer operators II	224.00	268.00	274.50	221.50	315.00	324.00	304.50	279.00	285.50	283.00	221.00
Computer operators III	-	318.00	318.00	261.50	354.50	353.50	349.50	326.00	333.50	-	-
Peripheral equipment operators	-	-	282.50	-	280.50	-	-	222.00	-	-	-
Computer data librarians	-	-	-	-	280.50	-	-	277.00	-	-	-
Drafters	311.50	369.50	339.00	260.00	385.00	341.50	326.00	305.00	362.00	340.50	288.00
Drafters I	-	211.50	-	-	-	-	-	-	-	-	-
Drafters II	-	258.50	242.00	183.50	260.50	265.50	215.00	233.00	-	-	226.50
Drafters III	-	325.50	282.00	239.50	333.50	307.50	305.00	284.50	314.50	277.50	255.00
Drafters IV	314.50	379.00	341.00	296.50	418.50	361.50	349.00	345.00	374.50	344.00	318.00
Drafters V	-	443.00	446.50	-	494.50	416.00	456.00	370.50	403.00	-	348.00
Electronics technicians	-	419.50	443.50	283.00	373.00	344.50	-	374.50	-	323.00	410.50
Electronics technicians I	-	-	-	-	271.50	287.50	-	-	-	-	-
Electronics technicians II	-	413.50	423.00	274.50	347.00	332.00	-	328.00	-	315.00	-
Electronics technicians III	-	455.50	497.50	334.50	422.50	410.50	-	415.00	395.50	360.00	-
Registered industrial nurses	-	369.00	374.00	-	385.00	-	389.50	-	357.00	334.00	328.50

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[1] Regular straight-time salaries that are paid for standard workweeks.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[4] A revised 5-level description for drafters, not comparable to the previous description, was introduced in this area in 1981. This completes the program's 3-year transition to the new description.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation	Atlanta, Ga.	Chicago, Ill.	Davenport-Rock Island-Moline, Iowa-Ill.	Detroit, Mich.	Hartford, Conn.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.	Minneapolis-St. Paul, Minn.-Wis.	Newark, N.J.	New York, N.Y.-N.J.
	May	May	February	April	March	May	February	January	May	January	January	May
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$9.41	$10.88	$11.63	$12.01	$9.17	$11.69	-	-	$10.99	$10.81	$9.64	$8.83
Maintenance electricians	10.83	11.41	12.09	12.50	9.51	11.65	$9.23	$7.96	11.93	11.25	10.10	10.23
Maintenance painters	10.95	11.47	11.15	12.15	8.84	11.00	-	-	11.41	10.41	9.47	8.57
Maintenance machinists	10.97	11.03	10.82	11.97	8.55	11.79	9.20	8.40	11.86	10.74	9.96	10.93
Maintenance mechanics (machinery)	8.92	10.59	11.71	12.07	8.71	10.74	10.51	7.92	10.23	9.88	9.42	9.47
Maintenance mechanics (motor vehicles)	10.62	12.36	11.41	11.82	9.01	10.08	7.69	8.66	10.99	10.93	10.28	10.57
Maintenance pipefitters	11.66	10.87	12.08	12.29	-	11.81	-	-	12.02	11.97	10.38	10.45
Maintenance sheet-metal workers	-	11.55	-	12.26	-	11.41	-	-	11.49	-	9.74	10.29
Millwrights	11.99	11.75	12.11	12.42	-	-	-	-	11.82	-	10.45	-
Maintenance trades helpers	7.44	8.66	9.51	10.48	6.62	-	-	-	9.97	9.17	7.07	6.82
Machine-tool operators (toolroom)	-	10.96	12.11	12.40	9.28	-	-	-	10.94	9.64	11.04	-
Tool and die makers	10.64	11.49	12.69	12.29	9.47	11.25	9.22	-	11.99	11.05	10.02	9.78
Stationary engineers	9.31	11.80	12.04	12.33	8.78	9.98	8.25	6.65	10.19	9.90	10.78	10.17
Boiler tenders	-	9.44	10.66	10.05	8.41	-	-	-	9.73	9.69	9.33	9.11
Material movement and custodial												
Truckdrivers[3]	8.48	12.17	10.29	10.38	8.59	8.26	6.54	6.92	10.20	11.15	10.09	9.67
Truckdrivers, light truck	4.29	9.93	6.85	8.13	6.50	4.80	-	3.80	6.26	8.69	6.22	7.02
Truckdrivers, medium truck	7.48	12.11	10.03	9.28	9.85	7.97	7.72	9.25	8.75	10.39	10.85	9.41
Truckdrivers, heavy truck	6.68	12.48	-	10.58	-	6.97	-	5.40	10.52	11.43	10.09	10.43
Truckdrivers, tractor-trailer	10.11	12.80	10.85	11.56	9.52	10.23	6.13	8.44	11.43	11.41	10.84	11.18
Shippers	8.37	7.80	7.64	10.28	7.05	7.70	5.19	-	8.34	8.26	6.53	7.39
Receivers	8.25	7.67	8.54	9.33	6.45	7.29	5.24	4.58	7.38	8.40	7.69	6.85
Shippers and receivers	6.92	7.20	6.28	9.11	6.73	6.90	5.30	6.13	7.40	7.32	7.01	8.26
Warehousemen	8.56	9.76	9.80	9.00	7.72	7.28	6.10	4.31	8.03	9.02	8.77	6.95
Order fillers	6.20	7.66	8.42	9.53	6.80	7.68	-	-	6.82	9.08	5.47	6.61
Shipping packers	4.99	6.71	9.55	8.85	5.36	-	5.09	4.54	7.12	6.26	5.49	5.89
Material handling laborers	7.62	8.72	9.37	10.29	6.59	7.14	6.05	6.26	8.88	9.31	6.46	8.14
Forklift operators	7.82	8.54	9.90	10.42	7.86	8.47	5.80	6.18	8.76	8.94	7.72	7.49
Power-truck operators (other than forklift)	-	8.02	10.23	10.68	-	-	-	-	8.39	9.25	-	-
Guards	4.44	5.19	-	7.19	4.93	4.81	3.55	3.85	4.99	4.68	4.24	4.71
Guards I	4.25	5.00	-	7.06	4.03	4.78	3.54	3.83	4.79	4.57	4.15	4.40
Guards II	-	7.26	9.66	7.98	-	-	-	-	8.84	6.57	5.75	5.72
Janitors, porters, and cleaners	3.94	6.52	7.26	6.85	4.52	3.89	4.36	3.91	4.96	5.12	4.67	6.17

See footnotes at end of table.

Table 3. Continued—Average earnings[1] for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 6 industry divisions[2] in 23 areas, January-June 1981

Occupation	Norfolk–Virginia Beach–Portsmouth, Va.–N.C. May	Pittsburgh, Pa. January	St. Louis, Mo.–Ill. March	San Antonio, Tex. May	San Francisco–Oakland, Calif. March	San Jose, Calif. March	Toledo, Ohio–Mich. June	Washington, D.C.–Md.–Va. March	Wichita, Kans. April	Worcester, Mass. April	York, Pa. February
Maintenance, toolroom, and powerplant											
Maintenance carpenters	-	$10.68	$9.51	-	$11.39	$11.07	$10.28	$10.08	$9.32	$8.12	$8.21
Maintenance electricians	$10.23	10.94	10.98	$8.81	11.95	11.50	11.58	10.85	9.72	8.88	9.32
Maintenance painters	-	10.19	10.21	-	11.64	-	11.24	7.80	9.60	-	-
Maintenance machinists	8.27	11.21	10.90	-	12.59	10.67	10.99	-	11.16	8.70	8.97
Maintenance mechanics (machinery)	7.74	10.71	9.61	7.65	11.31	10.60	10.95	-	9.13	8.44	8.91
Maintenance mechanics (motor vehicles)	8.47	11.07	9.87	7.73	12.84	12.22	11.52	10.08	8.77	9.42	10.07
Maintenance pipefitters	-	10.88	10.69	-	12.22	-	11.86	-	-	9.03	9.97
Maintenance sheet-metal workers	-	10.02	10.87	-	-	-	11.51	-	-	-	-
Millwrights	-	-	11.30	-	-	-	11.99	-	-	-	10.19
Maintenance trades helpers	6.07	10.20	8.20	-	8.49	-	9.97	-	-	5.46	7.16
Machine-tool operators (toolroom)	-	10.40	10.70	-	-	-	12.31	-	-	7.79	10.04
Tool and die makers	-	10.65	12.02	-	13.56	12.59	12.19	-	10.58	8.53	9.65
Stationary engineers	-	10.35	10.34	7.00	11.76	-	11.50	10.47	9.24	8.96	-
Boiler tenders	7.40	9.69	9.94	-	-	-	9.06	-	-	7.42	7.29
Material movement and custodial											
Truckdrivers[3]	5.80	9.91	10.30	6.83	11.56	10.96	10.64	7.89	8.33	8.00	8.77
Truckdrivers, light truck	3.78	8.85	6.98	3.78	5.45	-	5.80	6.20	5.19	5.36	-
Truckdrivers, medium truck	5.17	8.47	10.39	7.64	11.17	11.04	10.74	6.84	8.48	8.15	7.77
Truckdrivers, heavy truck	5.24	10.12	8.59	4.81	11.89	11.64	-	7.59	-	-	7.43
Truckdrivers, tractor-trailer	7.25	10.24	10.72	7.41	12.04	11.12	10.82	9.89	9.81	9.55	9.48
Shippers	5.88	7.63	7.70	5.53	9.00	6.38	7.61	8.31	7.84	6.87	7.99
Receivers	7.24	7.14	7.89	5.72	9.49	7.25	8.08	7.31	8.87	6.52	6.71
Shippers and receivers	5.37	7.66	7.02	5.06	8.33	5.77	7.78	5.40	5.39	6.01	6.51
Warehousemen	5.47	8.00	8.54	5.10	9.31	7.60	8.49	6.30	5.97	6.04	6.55
Order fillers	5.76	7.96	7.65	5.38	9.50	-	7.33	7.39	7.47	6.01	6.81
Shipping packers	-	7.40	6.61	4.10	9.40	-	8.15	7.36	6.62	5.62	5.68
Material handling laborers	5.56	8.75	8.85	4.80	8.79	6.93	11.08	6.68	5.73	6.09	7.88
Forklift operators	6.56	8.91	8.76	5.57	9.46	8.63	9.36	5.09	-	7.30	7.75
Power-truck operators (other than forklift)	-	10.52	9.30	-	10.80	-	-	-	-	-	7.08
Guards	3.80	4.37	5.04	3.61	5.01	5.02	4.31	4.50	5.30	4.86	5.36
Guards I	3.82	4.30	4.45	3.61	4.88	4.77	4.20	4.03	5.31	4.48	4.68
Guards II	-	5.64	5.51	-	6.60	-	-	-	-	-	-
Janitors, porters, and cleaners	3.84	5.69	4.67	3.68	7.09	6.05	6.72	3.93	5.10	5.40	5.60

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

[3] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled main-tenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled main-tenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Hartford	7.6	9.2	9.1	10.8	9.9	7.4	—	9.1	11.1	11.1	7.6	9.4	9.2	8.9
New York	9.5	10.3	8.0	8.5	9.0	9.0	9.0	7.9	8.8	9.2	9.7	10.6	8.2	9.0
Newark	9.2	8.2	8.2	9.0	9.2	8.5	9.6	6.6	8.2	11.5	9.7	7.6	10.9	8.0
Pittsburgh	9.8	7.6	11.0	10.7	12.2	10.8	6.1	11.1	10.8	12.9	9.1	9.3	—	11.7
Worcester	9.5	6.5	10.7	9.4	7.0	—	—	10.6	9.4	6.9	9.6	5.5	—	—
York	9.6	11.1	13.6	11.2	11.0	10.0	—	12.6	11.4	11.0	—	—	—	11.1
South														
Atlanta	11.0	13.8	13.7	10.9	9.3	—	—	13.3	11.0	11.8	10.3	13.8	—	8.9
Houston	11.1	11.0	10.8	9.6	8.7	10.6	10.4	10.2	9.4	11.1	11.2	11.1	—	8.0
Huntsville	10.8	—	13.6	12.0	9.7	—	—	13.8	12.2	11.6	—	—	—	—
Jackson	9.0	7.2	—	11.4	9.6	—	—	—	—	10.3	9.1	6.8	—	9.0
Norfolk—Virginia Beach—Portsmouth	8.4	10.0	—	8.3	8.1	—	—	—	8.4	9.4	—	—	—	7.5
San Antonio	9.7	12.4	—	—	9.8	—	—	—	—	12.9	9.4	13.3	—	9.2
Washington	9.1	8.4	6.7	8.4	13.9	—	—	—	—	13.0	9.1	8.4	—	14.0
North Central														
Chicago	9.7	9.8	9.2	9.4	9.7	10.1	9.7	9.7	9.1	10.0	9.5	9.8	8.0	9.5
Davenport—Rock Island—Moline	12.5	11.7	12.7	10.8	11.2	—	—	12.7	10.7	11.4	11.6	—	—	10.5
Detroit	9.7	8.4	9.1	8.7	9.8	9.5	8.5	9.4	8.6	10.1	9.8	8.3	—	9.3
Milwaukee	10.4	10.1	11.2	9.2	9.7	11.3	9.6	11.2	9.3	10.2	9.5	10.7	—	9.0
Minneapolis—St. Paul	11.6	10.0	14.7	11.7	11.1	11.6	10.5	15.1	11.4	11.1	11.6	9.6	—	11.1
St. Louis	9.6	10.6	10.3	9.5	9.3	10.2	11.3	10.1	9.8	10.1	9.1	9.7	—	8.7
Toledo	11.5	10.5	9.7	11.0	11.5	13.0	10.5	9.8	11.1	13.4	8.6	—	—	9.2
Wichita	10.7	7.8	14.1	12.2	10.9	12.5	—	14.5	12.4	11.3	8.2	6.1	—	10.5
West														
San Francisco—Oakland	10.6	7.9	11.7	12.4	12.3	10.0	—	—	12.4	11.8	10.7	8.2	—	12.4
San Jose	11.3	10.9	9.1	12.1	9.3	11.7	11.1	—	11.9	11.0	10.3	10.8	—	7.8

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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L 2.86: 84-2

Occupational Earnings and Wage Trends in Metropolitan Areas, 1983

U.S. Department of Labor
Bureau of Labor Statistics
April 1984

Summary 84-2 (No. 3 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from September to December 1983. Data for another 47 areas have been presented in earlier summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is too small to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans.

This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 80 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 23 areas, September-December 1983[1]

Occupation and level[2]	Anaheim-Santa Ana-Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas-Fort Worth, Tex.[3,4]	Dayton, Ohio[3,4]	Denver-Boulder, Colo.[3,4]	Gary-Hammond-East Chicago, Ind.[4]	Indianapolis, Ind.	Jacksonville, Fla.[4]	Kansas City, Mo.-Kans.[4]	Los Angeles-Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
Secretaries	$370.00	$313.50	$298.50	$340.50	$329.50	$354.50	$398.00	$336.00	$310.00	$304.50	$380.00
Secretaries I	320.50	262.00	258.00	273.00	366.00	296.50	318.00	302.00	273.50	249.00	349.00
Secretaries II	334.00	288.50	271.00	324.50	257.00	327.50	380.00	292.00	270.00	265.00	332.50
Secretaries III	385.50	319.50	292.50	344.50	323.00	352.00	435.50	334.00	342.00	328.50	384.00
Secretaries IV	406.00	342.00	325.00	390.00	311.00	404.00	438.50	379.50	406.00	349.00	418.00
Secretaries V	439.50	338.00	357.50	450.50	419.50	437.50	-	442.00	-	423.00	460.00
Stenographers	-	280.50	321.50	393.00	374.50	354.00	416.50	360.50	370.00	353.00	354.50
Stenographers I	-	241.50	319.00	376.00	373.00	319.50	-	323.50	-	318.00	347.00
Stenographers II	-	328.00	323.00	-	-	370.50	-	-	384.50	384.50	357.50
Transcribing-machine typists	-	269.00	-	231.50	255.50	-	-	207.50	323.00	248.00	-
Typists	235.00	215.00	224.50	228.00	263.50	257.50	333.50	227.00	201.00	228.00	288.50
Typists I	-	207.00	236.00	217.50	233.50	231.50	341.00	189.50	199.00	216.50	265.00
Typists II	-	240.00	219.50	256.50	288.00	275.50	-	-	-	245.50	324.50
File clerks	214.00	189.00	187.00	195.00	212.50	214.50	221.50	185.50	199.00	210.50	234.50
File clerks I	217.00	163.00	163.00	188.00	189.50	196.50	-	171.00	200.00	175.00	217.50
File clerks II	-	-	204.50	214.00	250.50	223.50	-	180.50	-	239.00	239.00
File clerks III	-	-	-	-	-	235.00	-	-	-	292.00	277.50
Messengers	253.00	198.50	197.00	193.50	213.50	213.00	-	244.50	-	223.00	273.00
Receptionists	-	-	-	237.00	-	251.00	-	-	203.50	252.00	-
Switchboard operators	247.00	232.00	234.00	245.00	234.50	221.00	261.50	207.00	214.00	205.50	247.50
Switchboard operator-receptionists	248.00	230.50	219.00	241.00	220.50	243.00	213.50	212.00	210.50	237.00	253.50
Order clerks	290.00	254.50	238.50	254.00	276.50	263.00	346.50	260.00	243.00	269.00	309.00
Order clerks I	260.00	245.00	228.50	228.50	236.50	220.00	-	216.00	224.00	248.00	261.50
Order clerks II	334.50	-	260.50	331.00	307.50	357.00	-	306.00	-	308.50	399.50
Accounting clerks	295.00	239.00	235.00	267.50	245.50	282.00	360.00	250.00	269.50	294.00	310.00
Accounting clerks I	254.50	221.50	190.00	226.50	199.50	224.50	365.50	214.50	188.50	232.00	239.00
Accounting clerks II	278.00	219.00	235.00	252.00	242.50	253.50	350.00	246.00	266.00	295.00	294.00
Accounting clerks III	312.00	242.50	261.00	293.00	246.00	303.00	359.50	249.00	280.00	307.50	322.50
Accounting clerks IV	374.50	347.50	331.00	382.00	349.00	336.50	-	305.50	-	350.50	365.00
Payroll clerks	303.50	283.00	276.50	293.50	263.00	281.50	353.50	305.50	273.00	307.50	343.00
Key entry operators	288.00	252.00	237.50	254.00	233.00	279.00	337.50	250.00	258.00	275.50	303.00
Key entry operators I	278.00	228.00	210.50	241.50	222.00	254.50	337.00	231.50	253.00	269.50	298.00
Key entry operators II	295.50	283.00	257.50	281.50	255.00	308.00	339.00	264.00	276.00	286.00	322.50

See footnotes at end of table.

L2.86: 84-2 item 768-S

JUN 1985

Table 1. Continued—Average earnings for selected office occupations in 23 areas, September-December 1983[1]

Occupation and level[2]	Louisville, Ky.-Ind.[3] [4]	Memphis, Tenn.-Ark.-Miss.[4]	Omaha, Nebr.-Iowa[3] [4]	Philadelphia, Pa.-N.J.[4]	Portland, Me.	Poughkeepsie, N.Y.[3] [4]	Sacramento, Calif.[3] [4]	Saginaw, Mich.[4]	Salt Lake City-Ogden, Utah	San Diego, Calif.[3] [4]	Seattle-Everett, Wash.[4]	Trenton, N.J.
	November	November	October	November	December	September	December	November	November	December	December	September
Secretaries	$330.00	$287.00	$293.50	$336.00	$290.00	-	$354.00	$406.00	$309.50	$335.50	$398.50	$315.00
Secretaries I	277.00	241.00	260.50	268.00	235.50	-	298.00	377.50	219.00	268.50	313.50	266.50
Secretaries II	322.50	281.00	261.50	316.00	262.50	-	352.50	-	295.50	331.00	342.50	292.00
Secretaries III	331.50	291.50	275.50	323.50	305.50	-	354.00	388.50	314.00	339.00	382.50	343.50
Secretaries IV	403.50	324.00	361.00	393.00	336.00	-	366.50	-	350.50	393.00	428.00	366.00
Secretaries V	400.00	-	461.00	423.50	343.00	-	393.50	-	375.00	416.50	461.00	-
Stenographers	-	-	400.50	336.00	-	-	-	-	322.00	298.00	-	307.50
Stenographers I	-	320.00	-	334.00	-	-	-	-	311.00	269.00	-	315.00
Stenographers II	-	-	-	341.50	-	-	-	-	-	-	-	-
Transcribing-machine typists	-	-	211.50	239.00	-	-	-	-	236.50	-	250.50	-
Typists	211.50	213.50	213.00	221.00	186.50	-	232.50	239.50	215.50	241.50	295.50	222.00
Typists I	205.50	178.50	177.00	198.50	178.00	-	212.50	-	207.00	211.00	247.00	234.50
Typists II	219.50	-	255.50	254.50	224.50	-	255.50	-	237.00	259.50	-	-
File clerks	200.00	220.00	201.50	186.50	174.50	-	178.50	181.00	215.00	209.00	200.50	-
File clerks I	184.00	197.00	-	175.00	167.50	-	-	178.00	190.50	182.50	186.50	-
File clerks II	-	-	223.00	177.50	183.00	-	-	-	213.00	242.00	228.00	-
File clerks III	-	-	-	236.50	-	-	-	-	-	-	-	-
Messengers	203.50	195.00	191.50	226.00	-	-	-	-	203.00	221.50	240.50	199.50
Receptionists	228.00	-	-	213.00	-	-	-	-	-	220.50	270.50	-
Switchboard operators	198.50	207.00	250.00	255.50	211.50	$330.00	218.00	-	221.00	230.50	285.00	243.00
Switchboard operator-receptionists	228.50	199.50	214.50	223.50	212.50	269.00	222.00	225.50	227.00	221.50	243.50	250.00
Order clerks	295.50	269.00	206.00	259.00	-	-	295.00	273.50	290.50	290.50	294.00	277.50
Order clerks I	229.50	251.50	176.50	219.00	-	-	283.00	247.50	284.50	258.00	246.50	264.00
Order clerks II	336.00	301.00	-	303.50	-	-	-	-	312.50	339.50	322.50	-
Accounting clerks	272.00	235.00	269.00	254.00	265.50	224.50	294.00	285.00	260.50	266.00	299.50	262.00
Accounting clerks I	213.50	185.00	212.50	218.00	193.00	-	238.50	244.00	218.50	218.00	239.00	-
Accounting clerks II	235.50	239.50	257.00	254.00	257.50	190.50	306.50	260.50	234.50	248.50	264.00	224.50
Accounting clerks III	313.00	262.00	266.50	285.50	299.50	-	296.50	-	284.50	289.50	317.50	299.50
Accounting clerks IV	404.00	-	317.00	323.50	-	-	289.00	-	345.50	362.50	364.00	-
Payroll clerks	274.50	252.00	280.00	276.50	252.00	-	301.50	372.50	294.00	270.50	306.50	289.50
Key entry operators	224.50	239.50	236.50	239.00	236.00	286.00	272.50	367.00	249.00	245.50	277.00	248.00
Key entry operators I	224.50	236.50	217.00	221.00	212.50	-	274.50	305.00	242.50	228.50	254.00	222.00
Key entry operators II	225.00	262.50	304.50	274.50	-	-	271.50	-	257.00	278.50	342.00	285.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] A revised description for stenographers was introduced in this area in 1983. Earnings for stenographers I are comparable with earlier estimates; however, earnings for stenographers II and the overall classification are not comparable.

[4] A revised description for secretaries was introduced in this area in 1982 and 1983. Earnings for the overall secretary classification are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 23 areas, September-December 1983[1]

Occupation and level[2]	Anaheim-Santa Ana-Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas-Fort Worth, Tex.	Dayton, Ohio	Denver-Boulder, Colo.	Gary-Hammond-East Chicago, Ind.	Indianapolis, Ind.	Jacksonville, Fla.	Kansas City, Mo.-Kans.	Los Angeles-Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
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Computer systems analysts (business) II	618.50	465.00	506.50	584.00	494.50	556.00	523.50	579.00	534.50	540.00	590.50
Computer systems analysts (business) III	731.00	571.50	578.00	676.00	602.50	668.50	612.50	615.50	636.50	632.50	673.00
Computer programmers (business)	459.50	390.00	411.50	445.00	437.00	490.00	505.00	381.00	435.00	455.50	502.00
Computer programmers (business) I	376.00	320.50	340.50	352.50	332.50	370.00	-	298.50	337.00	366.50	391.50
Computer programmers (business) II	446.00	362.00	420.00	453.50	418.00	472.50	513.00	377.50	412.00	436.00	462.00
Computer programmers (business) III	633.50	464.00	491.50	538.50	506.00	564.00	-	483.50	515.00	513.00	585.50
Computer operators	371.00	360.50	315.50	317.50	296.50	367.50	408.00	307.50	294.00	343.00	359.50
Computer operators I	361.50	-	248.00	268.00	258.50	274.50	431.00	234.50	282.50	275.50	323.00
Computer operators II	372.00	353.00	307.00	334.00	282.50	346.00	385.50	312.00	325.50	336.50	354.00
Computer operators III	407.00	440.00	396.50	397.00	359.00	449.50	418.00	411.00	-	425.50	414.50
Peripheral equipment operators	-	-	-	243.50	-	332.50	-	-	-	348.00	-
Computer data librarians	-	-	284.00	267.50	-	299.50	-	-	250.00	266.50	316.50
Drafters	421.00	380.50	393.50	386.00	365.50	374.50	460.00	430.00	284.00	363.50	425.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-
Drafters II	310.50	292.00	345.00	272.50	278.00	303.50	-	285.50	279.50	274.50	286.50
Drafters III	400.00	327.50	314.50	331.00	296.00	348.50	418.50	365.50	300.50	315.50	354.50
Drafters IV	487.00	399.00	387.50	407.50	373.50	406.50	495.50	399.50	347.00	383.50	443.00
Drafters V	503.00	467.50	457.50	493.00	471.00	492.00	571.50	566.00	-	498.50	512.50
Electronics technicians	463.50	-	443.00	457.00	390.00	447.00	526.50	464.50	506.50	502.50	464.00
Electronics technicians I	382.00	-	-	339.00	299.00	308.50	-	-	-	444.00	364.50
Electronics technicians II	489.50	-	385.50	454.50	366.50	456.00	-	478.00	507.00	464.00	491.50
Electronics technicians III	517.00	-	488.50	513.50	437.00	509.00	-	-	-	576.00	472.50
Registered industrial nurses	453.00	434.00	388.50	473.50	470.50	452.50	446.00	445.00	-	448.50	480.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 23 areas, September-December 1983[1]

Occupation and level[2]	Louisville, Ky.-Ind.	Memphis, Tenn.-Ark.-Miss.	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Me.	Poughkeepsie, N.Y.	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.	Seattle-Everett, Wash.	Trenton, N.J.
	November	November	October	November	December	September	December	November	November	December	December	September
Computer systems analysts (business)	$590.50	$532.00	$574.50	$571.00	$561.50	-	$570.00	-	$617.00	$588.00	$564.00	$556.50
Computer systems analysts (business) I	467.00	457.00	-	440.50	-	-	-	-	-	-	484.00	-
Computer systems analysts (business) II	582.00	537.50	571.00	535.50	-	-	-	-	590.00	600.00	559.00	545.00
Computer systems analysts (business) III	706.50	624.50	670.00	645.50	-	-	-	-	659.00	699.50	637.00	634.00
Computer programmers (business)	430.50	367.50	464.50	456.50	405.50	-	452.50	$467.50	478.50	447.00	411.50	424.50
Computer programmers (business) I	335.00	303.00	360.00	361.00	295.50	-	-	-	386.00	381.00	337.00	-
Computer programmers (business) II	443.50	374.50	464.50	448.00	416.50	-	-	421.50	455.00	452.50	425.50	372.50
Computer programmers (business) III	454.00	-	552.50	537.00	-	-	-	-	551.50	535.50	-	520.50
Computer operators	304.00	310.00	325.00	322.00	286.50	-	298.00	372.00	384.00	337.50	388.00	307.00
Computer operators I	261.50	271.00	335.00	259.00	216.50	-	-	-	273.00	270.50	376.00	-
Computer operators II	359.50	335.50	311.50	320.50	322.00	-	378.00	333.50	339.00	327.50	365.00	300.00
Computer operators III	-	-	357.50	375.50	373.50	-	-	-	-	395.50	450.00	360.50
Peripheral equipment operators	-	-	-	231.50	-	-	-	-	-	-	-	-
Computer data librarians	-	-	-	284.00	-	-	-	-	-	-	323.00	-
Drafters	469.50	333.00	400.00	382.00	356.50	$394.00	404.50	519.00	385.50	386.50	442.00	393.50
Drafters I	-	-	-	222.00	-	-	-	-	-	-	-	-
Drafters II	315.50	322.50	-	287.50	-	-	-	-	272.50	-	315.00	-
Drafters III	380.50	323.50	335.50	328.00	-	369.00	-	399.00	352.50	340.50	366.00	300.50
Drafters IV	465.00	384.00	412.00	396.00	380.00	-	-	-	404.50	455.00	-	354.50
Drafters V	595.00	-	447.50	484.50	-	-	-	-	476.50	492.00	-	510.00
Electronics technicians	443.00	331.00	408.50	521.00	367.00	-	-	-	418.50	427.50	-	476.50
Electronics technicians I	-	-	-	-	-	-	-	-	320.50	321.00	-	303.50
Electronics technicians II	420.00	390.50	-	489.00	357.50	-	-	-	409.50	449.50	-	455.50
Electronics technicians III	478.50	-	438.50	532.50	-	-	-	-	498.50	424.00	580.00	529.50
Registered industrial nurses	455.00	-	-	428.00	-	-	-	-	-	451.50	-	-

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, September-December 1983[1]

Occupation	Anaheim–Santa Ana–Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas–Fort Worth, Tex.	Dayton, Ohio	Denver–Boulder, Colo.	Gary–Hammond–East Chicago, Ind.	Indianapolis, Ind.	Jacksonville, Fla.	Kansas City, Mo.–Kans.	Los Angeles–Long Beach, Calif.
	October	October	October	December	December	December	November	October	December	September	October
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$12.20	$12.54	$11.12	$10.34	$13.49	$11.17	$12.61	$12.39	-	$11.75	$12.52
Maintenance electricians	13.67	12.82	11.78	12.52	13.39	12.45	13.10	13.06	$11.76	12.86	13.08
Maintenance painters	-	11.40	11.10	11.26	12.71	11.43	-	11.98	-	12.37	12.37
Maintenance machinists	12.96	11.69	11.20	11.89	10.81	12.76	12.79	11.97	11.67	12.63	14.65
Maintenance mechanics (machinery)	11.27	12.88	11.21	11.48	12.74	11.50	13.28	12.38	10.42	11.45	11.88
Maintenance mechanics (motor vehicles)	12.67	11.97	11.55	11.60	10.72	11.59	12.52	11.87	10.57	12.25	12.97
Maintenance pipefitters	-	12.93	11.46	-	14.00	-	12.59	12.94	-	12.66	-
Maintenance sheet-metal workers	-	13.20	-	-	-	-	-	13.21	-	-	-
Millwrights	-	12.98	11.89	10.42	13.95	-	-	13.70	-	13.22	-
Maintenance trades helpers	7.47	7.82	7.69	-	-	7.46	10.51	7.04	-	10.55	8.56
Maintenance workers (general)	-	-	-	7.30	7.36	8.20	8.86	-	6.42	9.54	-
Machine-tool operators (toolroom)	12.93	13.36	12.72	11.87	14.01	12.40	-	-	-	11.62	12.01
Tool and die makers	12.63	12.63	13.61	12.98	13.71	13.18	12.62	13.07	-	12.38	13.40
Stationary engineers	12.11	12.36	10.65	11.76	13.36	12.94	11.43	12.46	12.57	12.29	13.42
Boiler tenders	-	-	-	-	-	-	-	7.89	-	-	-
Material movement and custodial											
Truckdrivers[2]	10.81	11.37	10.41	9.37	10.11	9.74	11.95	10.43	8.94	11.31	10.79
Truckdrivers, light truck	7.45	6.88	-	5.12	-	5.67	-	9.80	5.20	8.22	7.27
Truckdrivers, medium truck	11.22	12.35	10.08	9.52	7.97	9.92	11.89	8.03	9.10	11.23	10.32
Truckdrivers, heavy truck	10.37	12.28	8.51	7.64	9.89	10.41	-	9.57	-	11.31	11.04
Truckdrivers, tractor-trailer	12.32	11.30	12.05	10.66	10.63	10.61	11.88	10.99	10.61	11.35	11.04
Shippers	8.08	-	8.34	7.33	5.07	8.87	-	8.74	9.61	9.17	7.81
Receivers	9.28	8.23	8.59	7.79	6.60	7.24	7.80	8.16	7.38	8.92	8.13
Shippers and receivers	7.06	9.28	7.87	7.32	8.71	7.82	-	9.95	5.67	9.30	8.28
Warehousemen	8.58	10.41	7.84	9.09	8.64	9.87	11.25	7.46	6.79	9.05	8.51
Order fillers	10.78	7.94	8.91	7.56	8.94	9.50	-	8.17	6.73	7.86	7.69
Shipping packers	5.99	9.46	9.05	5.81	10.46	-	11.46	7.42	5.99	7.36	5.65
Material handling laborers	8.25	9.39	10.41	7.57	8.19	9.00	-	9.18	7.33	9.64	7.27
Forklift operators	10.07	10.39	8.89	9.36	10.22	10.82	11.06	9.73	8.24	9.38	9.36
Power-truck operators (other than forklift)	-	-	-	-	-	-	-	10.28	-	10.49	9.99
Guards	5.72	5.15	4.57	5.17	6.58	5.34	8.42	5.58	3.79	5.92	5.18
Guards I	5.00	4.93	4.10	5.00	6.37	4.32	6.97	5.47	3.75	4.73	5.29
Guards II	11.11	-	6.46	8.45	-	7.21	-	-	-	7.92	8.61
Janitors, porters, and cleaners	5.73	5.12	5.09	4.55	7.02	4.89	6.41	5.94	3.85	5.78	6.74

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, September-December 1983[1]

Occupation	Louisville, Ky.-Ind.	Memphis, Tenn.-Ark.-Miss.	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Me.	Poughkeepsie, N.Y.	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.	Seattle-Everett, Wash.	Trenton, N.J.
	November	November	October	November	December	September	December	November	November	December	December	September
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$11.63	$10.92	$9.52	$12.43	-	-	-	-	$12.36	$12.36	$13.61	$10.79
Maintenance electricians	13.01	12.26	11.62	12.12	$10.36	$10.74	$13.13	-	12.22	13.51	14.04	12.39
Maintenance painters	11.38	11.04	-	11.45	-	-	10.77	-	11.38	12.10	14.22	10.45
Maintenance machinists	12.73	11.41	12.43	12.51	10.49	10.58	13.31	-	12.36	13.18	-	9.65
Maintenance mechanics (machinery)	13.18	11.46	10.29	11.05	8.11	-	12.19	-	10.91	12.46	13.35	10.74
Maintenance mechanics (motor vehicles)	10.83	11.56	11.06	11.79	9.54	-	12.96	-	10.93	13.87	13.91	11.90
Maintenance pipefitters	12.80	13.13	-	12.39	-	-	-	-	13.06	-	-	-
Maintenance sheet-metal workers	-	-	-	-	-	-	-	-	-	-	-	-
Millwrights	12.53	-	-	11.62	-	-	-	-	-	-	-	-
Maintenance trades helpers	-	8.13	-	9.40	-	-	-	-	9.26	-	-	-
Maintenance workers (general)	6.60	7.91	6.74	8.52	-	6.28	6.96	-	-	7.07	9.62	-
Machine-tool operators (toolroom)	-	-	-	11.16	-	-	-	-	-	12.40	-	-
Tool and die makers	-	11.41	12.86	12.02	9.77	-	-	-	12.35	13.12	-	-
Stationary engineers	11.49	11.70	9.86	11.39	-	-	13.08	-	11.16	-	13.66	11.59
Boiler tenders	-	-	-	-	-	-	-	-	-	-	-	8.94
Material movement and custodial												
Truckdrivers[2]	9.95	8.09	9.47	10.89	8.62	-	12.29	$11.14	9.29	11.54	13.00	11.22
Truckdrivers, light truck	7.69	4.47	4.74	6.32	6.01	-	5.39	-	5.72	5.33	7.42	-
Truckdrivers, medium truck	11.21	6.87	-	8.16	6.52	-	12.41	-	9.87	12.00	13.30	11.69
Truckdrivers, heavy truck	8.57	6.86	7.76	10.48	-	-	-	-	8.92	12.11	14.92	-
Truckdrivers, tractor-trailer	11.46	9.13	10.75	12.42	8.55	-	14.15	-	10.01	11.58	13.11	10.82
Shippers	8.51	9.06	8.46	8.27	6.51	-	11.45	-	6.49	8.44	8.32	-
Receivers	10.10	8.02	6.51	8.36	6.66	-	12.15	9.57	7.41	8.84	9.27	6.44
Shippers and receivers	7.94	7.03	6.69	8.61	6.31	-	-	-	7.89	7.27	11.25	7.84
Warehousemen	8.86	9.48	8.57	8.59	8.43	-	10.92	-	7.22	7.39	10.52	-
Order fillers	7.89	5.51	8.19	8.60	4.74	-	-	-	7.54	-	9.78	7.06
Shipping packers	7.47	4.78	9.26	6.95	-	-	11.00	-	5.42	-	10.31	6.79
Material handling laborers	8.70	6.58	9.07	9.14	7.11	-	9.41	11.09	9.87	7.62	10.63	6.73
Forklift operators	10.02	8.08	8.89	9.41	6.89	-	10.64	-	8.49	9.70	11.61	9.73
Power-truck operators (other than forklift)	11.27	-	-	-	-	-	-	-	-	-	-	-
Guards	4.96	4.34	4.12	4.37	4.81	-	5.69	8.06	4.56	4.85	5.18	-
Guards I	4.66	4.25	3.95	4.19	4.81	-	5.18	-	3.90	4.33	4.98	-
Guards II	9.53	-	-	6.91	-	-	-	-	5.78	-	9.53	-
Janitors, porters, and cleaners	5.62	4.20	4.74	6.27	6.12	5.61	-	10.51	4.29	5.01	7.20	4.56

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Buffalo	5.5	5.5	5.9	4.0	3.4	5.6	5.3	5.6	3.9	4.3	5.4	-	-	2.2
Philadelphia	5.2	6.7	6.3	4.1	4.3	4.2	5.4	5.7	4.0	4.2	6.0	7.3	-	4.3
Portland	6.5	6.9	-	6.4	5.1	-	-	-	7.1	5.8	6.6	-	-	4.1
Poughkeepsie	-	-	-	7.6	-	-	-	-	-	-	-	-	-	-
Trenton	6.3	6.1	-	3.2	4.1	-	-	-	-	4.2	-	-	-	-
South														
Dallas-Fort Worth	5.6	7.0	6.8	6.0	3.8	5.4	11.5	6.6	6.8	6.0	5.7	5.1	-	2.7
Jacksonville	6.1	6.9	1.8	.4	2.5	-	-	-	-.4	2.8	6.1	7.0	-	2.5
Louisville	7.1	7.0	8.5	3.0	4.9	-	-	8.5	2.7	5.2	6.9	6.9	-	4.4
Memphis	5.6	6.2	7.9	4.3	4.6	-	-	-	5.4	5.3	5.6	5.5	-	4.4
North Central														
Columbus	6.4	5.6	6.6	4.1	2.2	5.2	-	7.3	4.5	2.2	6.9	5.6	-	2.3
Dayton	7.1	8.1	5.3	3.5	2.2	6.1	10.6	5.3	3.3	3.9	8.6	4.9	-	-
Gary-Hammond-East Chicago	-	1.0	-4.5	-4.2	-	-	-	-4.5	-4.7	-	-	-	-	5.0
Indianapolis	5.9	5.3	2.7	4.2	4.8	-	-	2.4	4.0	5.8	6.5	6.1	-	3.8
Kansas City	4.4	3.9	7.0	3.5	3.4	5.5	5.8	7.2	3.6	4.5	4.1	3.4	-	2.9
Omaha	4.4	7.8	-	3.1	.4	-	-	-	3.8	-4.1	4.4	8.2	-	3.2
Saginaw	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-
West														
Anaheim-Santa Ana-Garden Grove	5.4	6.1	6.3	6.0	7.2	6.1	5.5	5.6	6.2	6.1	4.7	-	-	-
Denver-Boulder	5.5	4.3	5.9	5.4	1.8	5.6	2.9	6.8	4.5	8.4	5.5	4.9	-	.4
Los Angeles-Long Beach	6.5	5.7	6.0	6.3	4.3	5.0	5.1	6.9	5.2	3.6	7.1	6.1	-	4.4
Sacramento	6.6	-	-	5.8	-	-	-	-	5.2	5.5	7.0	-	-	-
Salt Lake City-Ogden	5.6	7.5	-	2.8	.5	6.8	9.3	-	5.1	4.0	5.2	6.8	-	-.2
San Diego	5.7	4.2	4.6	4.2	.9	6.1	2.9	4.3	3.7	-	5.4	5.9	-	2.3
Seattle-Everett	4.5	4.3	-	3.7	2.0	-	-	-	4.6	-	4.8	4.4	-	1.6

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices, listed elsewhere in this report.

Albany—Schenectady—Troy,N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.

Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.

Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.

Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.

Fresno, Calif.

Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem— High Point, N.C.

Greenville—Spartanburg, S.C

Hartford, Conn.
Houston, Tex.
Huntsville, Ala.

Indianapolis, Ind.

Jackson, Miss.
Jacksonville, Fla.

Kansas City, Mo.—Kans.

Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.

Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.

Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania

Oklahoma City, Okla.

Omaha, Nebr.—Iowa

Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.
Portland, Me.
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.

Richmond, Va.

St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich.
Salt Lake City—Ogden, Utah
San Antonio, Tex.
San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
Seattle—Everett, Wash.
South Bend,Ind.

Toledo, Ohio—Mich.
Trenton, N.J.

Washington, D.C.— Md.—Va.
Wichita, Kans.
Worcester, Mass.

York, Pa.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, Ga.
Albuquerque, N.Mex.
Alexandria-Leesville, La.
Alpena-Standish-Tawas City, Mich.
Ann Arbor, Mich.
Antelope Valley, Calif.
Asheville, N.C.
Atlantic City, N.J.
Augusta, Ga.-S.C.
Austin, Tex.

Bakersfield, Calif.
Baton Rouge, La.
Battle Creek, Mich.
Beaumont-Port Arthur-Orange and
  Lake Charles, Tex.-La.
Biloxi-Gulfport and Pascagoula-
  Moss Point, Miss.
Binghamton, N.Y.
Birmingham, Ala.
Bloomington-Vincennes, Ind.
Bremerton-Shelton, Wash.
Brunswick, Ga.

Cedar Rapids, Iowa
Champaign-Urbana-Rantoul, Ill.
Charleston-North Charleston—
  Walterboro, S.C.
Charlotte-Gastonia, N.C.
Cheyenne, Wyo.
Clarksville-Hopkinsville, Tenn.-Ky.
Colorado Springs, Colo.
Columbia-Sumter, S.C.
Columbus, Ga.
Columbus, Miss.
Connecticut (statewide)

Decatur, Ill.
Des Moines, Iowa
Dothan, Ala.
Duluth-Superior, Minn.-Wis.

El Paso-Alamogordo-Las Cruces,
  Tex.-N. Mex.
Eugene-Springfield-Medford, Oreg.
Fayetteville, N.C.
Fort Lauderdale-Hollywood and
  West Palm Beach-Boca Raton, Fla.
Fort Wayne, Ind.
Frederick-Hagerstown
  Chambersburg, Md.-Pa.

Gadsden and Anniston, Ala.
Goldsboro, N.C.
Grand Island-Hastings, Nebr.
Guam, Territory of

Harrisburg-Lebanon, Pa.

Knoxville, Tenn.

La Crosse-Sparta, Wis.
Laredo, Tex.
Las Vegas-Tonopah, Nev.
Lexington-Fayette, Ky.
Lima, Ohio
Little Rock-North Little Rock, Ark.
Logansport-Peru, Ind.
Lorain-Elyria, Ohio
Lower Eastern Shore, Md.-Va.-Del.

Macon, Ga.
Madison, Wis.
Maine (statewide)
Mansfield, Ohio
McAllen-Pharr-Edinburg and Brownsville-
  Harlingen-San Benito, Tex.
Melbourne-Titusville-Cocoa, Fla.
Meridian, Miss.
Middlesex, Monmouth, and Ocean
  Counties, N.J.
Mobile-Pensacola-Panama City, Ala.-Fla.
Montana (statewide)
Montgomery, Ala.

Nashville-Davidson, Tenn.
New Bern-Jacksonville, N.C.
New Hampshire (statewide)
North Dakota (statewide)
Northern New York
Northwest Texas

Orlando, Fla.
Oxnard-Simi Valley-Ventura, Calif.

Peoria, Ill.
Phoenix, Ariz.
Pine Bluff, Ark.
Portsmouth-Chillicothe-Gallipolis, Ohio
Pueblo, Colo.
Puerto Rico

Raleigh-Durham, N.C.
Reno, Nev.
Riverside-San Bernardino-Ontario, Calif.

Salina, Kans.
Salinas-Seaside-Monterey, Calif.
Sandusky, Ohio
Santa Barbara-Santa Maria-Lompoc, Calif.
Savannah, Ga.
Selma, Ala.
Sherman-Denison, Tex.
Shreveport, La.
South Dakota (statewide)
Southeastern Massachusetts
Southwest Virginia
Spokane, Wash.
Springfield, Ill.
Stockton, Calif.

Tacoma, Wash.
Tampa-St.Petersburg, Fla.
Topeka, Kans.
Tucson-Douglas, Ariz.
Tulsa, Okla.

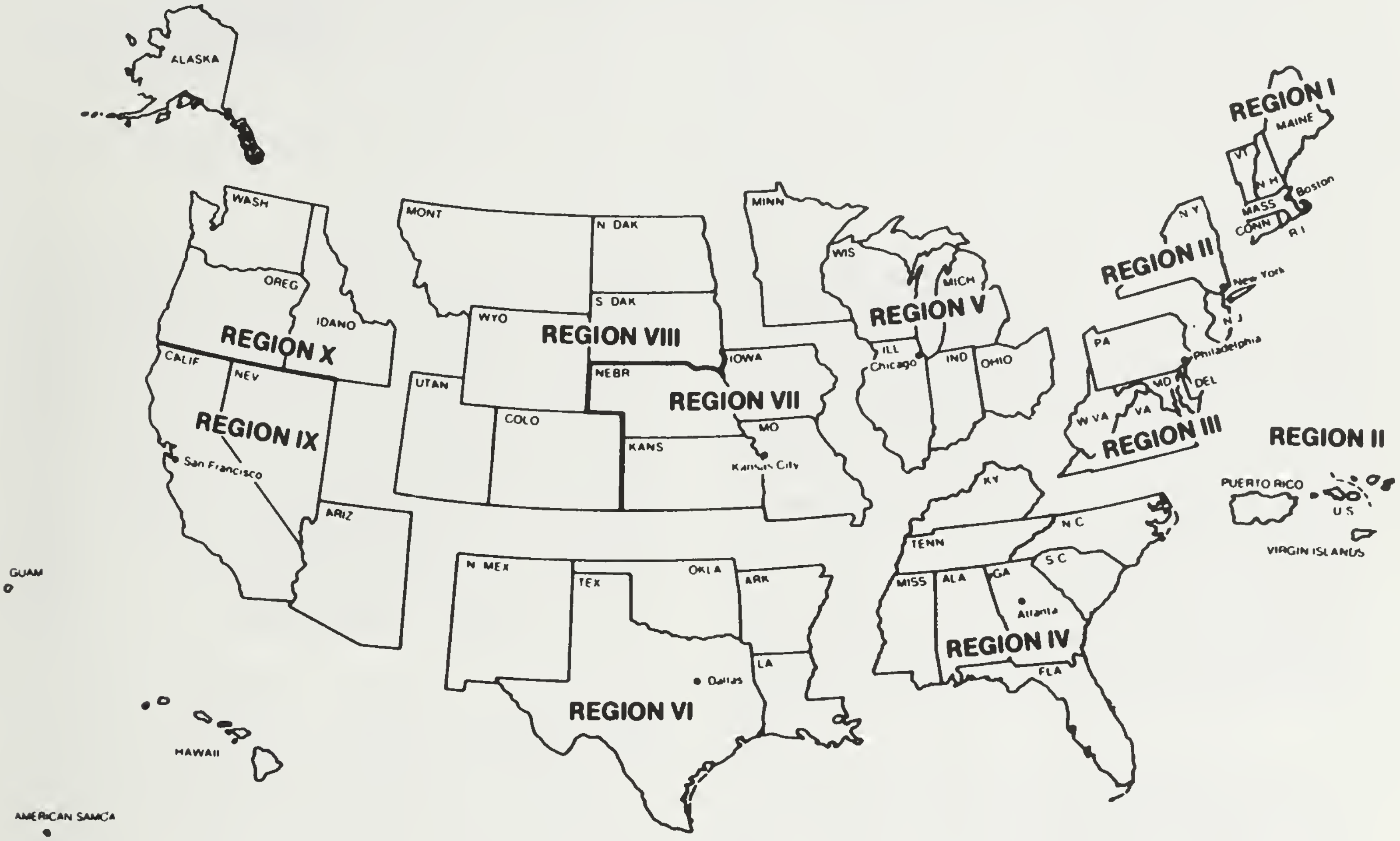
Upper Peninsula, Mich.

Vallejo-Napa-Fairfield, Calif.
Vermont (statewide)
Virgin Islands of the U.S.

Waco and Killeen-Temple, Tex.
West Virginia (statewide)
Western and Northern Massachusetts
Wichita Falls-Lawton-Altus, Tex.- Okla.
Wilmington, Del.-N.J.-Md.

Yakima-Richland-Kennewick- Pendleton,
  Wash.-Oreg.

Bureau of Labor Statistics Regional Offices



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Occupational Earnings and Wage Trends in Metropolitan Areas, 1984

U.S. Department of Labor
Bureau of Labor Statistics
September 1984

Summary 84-7 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 24 areas surveyed from January through July 1984. Data for the remaining 46 areas surveyed in 1984 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plan provisions; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 95 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 24 areas, January-July 1984[1]

Occupation and level[2]	Atlanta, Ga.[3]	Chicago, Ill.	Corpus Christi, Tex.	Davenport–Rock Island–Moline, Iowa–Ill.	Detroit, Mich.	Greenville–Spartanburg, S.C.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.[3]	Minneapolis, St. Paul, Minn.–Wis.[3]	Newark, N.J.
	May	March	July	February	April	June	May	February	January	May	January	January
Secretaries	$367.50	$355.00	$313.50	$434.00	$439.50	$288.50	$387.00	$315.50	$297.00	$340.00	$322.00	$367.00
Secretaries I	293.50	313.00	266.00	242.00	414.50	248.50	320.00	282.50	257.50	312.50	-	325.50
Secretaries II	345.50	316.50	-	344.50	359.00	275.00	366.00	295.00	282.50	320.50	298.00	340.00
Secretaries III	380.50	351.50	335.50	455.50	449.50	300.00	396.00	352.50	310.50	329.50	315.00	366.00
Secretaries IV	395.00	396.50	-	444.50	416.50	357.00	454.50	342.00	402.50	394.50	344.00	400.00
Secretaries V	469.00	461.00	-	-	559.50	-	509.00	-	-	448.50	399.50	454.00
Stenographers	396.50	380.00	-	-	376.00	295.50	336.50	-	-	350.00	341.00	357.00
Stenographers I	314.50	368.50	-	-	314.00	306.50	336.00	-	-	296.00	347.50	363.00
Stenographers II	426.00	368.50	-	-	419.50	-	338.00	-	-	363.50	327.00	349.00
Transcribing-machine typists	-	258.50	-	-	266.50	-	286.50	-	-	-	-	301.00
Typists	236.50	250.00	222.00	370.50	241.50	235.00	264.50	227.00	206.50	266.00	270.00	255.00
Typists I	230.50	237.50	-	256.50	216.50	-	250.50	206.50	206.00	243.00	265.50	224.50
Typists II	284.00	269.00	-	407.50	327.00	-	305.50	-	-	296.50	280.50	287.50
Word processors	277.00	-	-	-	-	-	-	-	-	287.00	280.00	-
Word processors I	258.00	-	-	-	-	-	-	-	-	252.00	255.00	-
Word processors II	316.50	-	-	-	-	-	-	-	-	315.00	301.50	-
File clerks	217.50	209.50	-	238.00	206.00	-	228.00	184.00	180.00	222.50	206.00	208.00
File clerks I	196.00	195.50	-	-	189.00	-	213.50	180.00	167.50	203.00	191.50	184.00
File clerks II	269.50	214.50	-	-	-	-	252.50	-	-	222.50	205.50	220.00
File clerks III	-	244.00	-	-	-	-	-	-	-	255.00	288.00	-
Messengers	220.00	230.50	-	-	284.00	-	228.50	-	196.50	215.50	203.00	271.00
Receptionists	252.00	251.50	-	-	273.50	213.00	233.50	-	-	216.00	239.50	299.00
Switchboard operators	251.00	246.00	172.50	-	295.00	-	243.50	192.00	232.50	241.00	255.50	284.50
Switchboard operator-receptionists	231.00	258.00	212.50	230.50	254.00	217.50	258.00	214.00	211.50	236.50	238.00	253.50
Order clerks	291.00	287.50	-	259.00	328.50	265.50	291.00	266.50	-	255.00	272.50	283.00
Order clerks I	254.00	253.00	-	-	269.00	237.50	235.50	239.00	-	242.00	250.00	227.50
Order clerks II	318.00	337.50	-	-	427.00	-	-	-	-	277.00	324.00	326.50
Accounting clerks	279.00	297.00	245.50	351.50	300.00	237.00	305.50	255.00	250.00	278.00	278.00	302.00
Accounting clerks I	227.00	244.00	189.50	203.50	228.50	215.00	269.50	-	209.00	222.00	223.00	233.00
Accounting clerks II	255.00	280.50	237.50	296.50	291.50	224.50	282.50	224.00	235.00	262.50	245.00	277.00
Accounting clerks III	301.50	329.50	270.00	414.00	330.00	268.00	334.50	252.00	314.00	305.50	291.50	319.50
Accounting clerks IV	381.00	372.50	-	419.50	485.50	286.00	383.00	430.00	-	364.00	371.00	369.00
Payroll clerks	283.50	313.00	285.50	374.00	334.00	244.50	340.50	241.00	273.50	298.00	289.00	305.50
Key entry operators	254.00	277.50	250.50	349.50	287.50	221.00	286.00	265.50	236.50	287.50	261.50	270.00
Key entry operators I	236.00	268.50	228.50	230.00	258.50	217.00	273.00	272.50	244.50	279.00	248.00	250.00
Key entry operators II	332.50	290.50	303.50	415.00	341.50	238.00	318.00	-	271.50	293.00	275.50	299.50

See footnotes at end of table.

Table 1. Continued—Average earnings for selected office occupations in 24 areas, January-July 1984[1]

Occupation and level[2]	Norfolk-Virginia Beach-Portsmouth, Va.-N.C.	Pittsburgh, Pa.	Richmond, Va.	St. Louis, Mo.-Ill.	San Antonio, Tex.	San Francisco-Oakland, Calif.[3]	San Jose, Calif.[3]	Toledo, Ohio-Mich.[3]	Washington, D.C.-Md.-Va.[3]	Wichita, Kans.	Worcester, Mass.	York, Pa.[3]
	May	January	June	March	May	March	March	June	March	April	March	January
Secretaries	$281.50	$340.00	$312.00	$331.00	$291.50	$384.00	$396.00	$377.00	$351.00	$381.50	$323.50	293.00
Secretaries I	255.00	311.50	272.50	258.50	237.50	317.50	315.00	-	294.50	375.00	255.00	247.00
Secretaries II	282.00	295.00	258.50	281.00	280.50	350.00	381.50	284.00	330.00	305.50	297.00	253.50
Secretaries III	284.00	347.00	317.00	332.50	306.00	369.00	376.50	364.00	349.50	390.00	328.00	326.00
Secretaries IV	313.00	374.50	341.50	377.00	359.50	406.00	418.50	375.50	386.00	432.00	380.00	329.50
Secretaries V	-	431.50	411.50	445.00	387.00	445.00	462.50	488.00	429.50	458.00	405.50	-
Stenographers	350.00	324.00	305.00	323.50	-	-	-	343.50	401.50	360.00	-	281.00
Stenographers I	-	333.50	304.00	282.00	-	369.00	-	338.00	-	-	-	-
Stenographers II	-	309.00	-	360.00	-	-	-	-	-	-	-	279.50
Transcribing-machine typists	-	233.00	-	281.00	-	-	-	-	-	307.00	-	-
Typists	213.50	231.00	216.50	243.00	213.00	257.00	368.00	295.50	268.50	261.00	219.50	264.50
Typists I	212.00	218.50	216.50	222.50	196.00	238.50	312.00	272.50	266.50	229.00	204.50	248.50
Typists II	-	258.50	214.50	286.00	242.00	297.50	-	348.50	279.00	-	-	-
Word processors	-	-	-	-	-	332.50	375.50	285.00	296.00	-	-	264.50
Word processors I	-	-	-	-	-	319.00	328.50	298.00	285.50	-	-	-
Word processors II	-	-	-	-	-	352.50	397.50	276.50	314.50	-	-	-
File clerks	-	206.50	187.00	201.50	178.50	238.00	228.50	202.00	220.00	262.00	193.00	201.00
File clerks I	-	186.00	175.00	193.50	173.00	204.00	-	192.50	211.50	174.50	183.50	185.00
File clerks II	-	207.50	-	191.50	199.50	264.00	-	-	234.50	239.50	212.00	-
File clerks III	-	-	-	239.00	-	302.50	-	-	-	-	-	-
Messengers	-	227.50	208.50	233.00	175.00	254.50	-	230.50	232.00	278.50	199.50	-
Receptionists	177.00	-	250.00	244.00	205.00	202.00	-	-	246.50	-	-	-
Switchboard operators	208.00	251.00	203.50	241.50	201.00	277.00	265.00	284.50	220.00	283.00	256.00	-
Switchboard operator-receptionists	208.50	248.00	217.50	229.00	205.00	277.00	268.50	237.50	251.50	221.00	232.50	217.50
Order clerks	209.50	329.50	305.00	289.00	195.50	323.00	348.00	277.50	303.00	258.00	262.50	258.00
Order clerks I	204.50	306.50	313.50	211.00	191.50	293.50	259.00	242.50	274.50	232.00	233.50	208.50
Order clerks II	-	350.50	-	357.50	-	396.00	370.50	368.00	-	-	305.00	317.50
Accounting clerks	237.00	284.00	267.00	282.00	252.00	331.50	313.00	303.00	279.50	304.00	267.00	234.50
Accounting clerks I	215.50	224.50	248.00	202.00	-	316.50	240.00	224.50	228.50	225.50	187.00	195.00
Accounting clerks II	228.50	279.50	245.00	264.50	221.00	311.50	291.50	297.00	274.00	260.00	241.50	244.00
Accounting clerks III	269.50	315.00	297.50	339.00	257.50	341.00	336.00	336.00	288.50	328.50	299.50	283.50
Accounting clerks IV	346.50	413.00	402.50	402.50	342.50	405.50	375.50	431.00	348.00	426.50	357.00	-
Payroll clerks	245.50	299.50	277.00	296.00	243.50	337.00	331.00	314.50	288.00	307.00	284.00	251.00
Key entry operators	203.50	258.00	236.00	240.50	218.50	306.50	326.00	281.50	248.00	299.50	256.50	228.00
Key entry operators I	199.00	233.50	230.50	230.00	211.50	291.50	298.00	253.50	243.50	271.50	212.00	211.50
Key entry operators II	243.00	295.00	246.00	264.00	-	328.50	353.00	323.50	257.50	352.00	283.00	292.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] A revised description for secretaries was introduced in this area in 1984. Earnings for the overall secretary classification are comparable with earlier estimates; however, earnings for individual levels are not comparable. This completes the 3-year transition to the new description, which was introduced into one-third of the areas each year.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 24 areas, January-July 1984[1]

Occupation and level[2]	Atlanta, Ga.	Chicago, Ill.	Corpus Christi, Tex.	Davenport-Rock Island-Moline, Iowa-Ill.	Detroit, Mich.	Greenville-Spartanburg, S.C.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.	Minneapolis-St. Paul, Minn.-Wis.	Newark, N.J.
	May	March	July	February	April	June	May	February	January	May	January	January
Computer systems analysts (business)	$624.50	$579.50	-	$778.00	$641.50	$525.50	$669.00	$633.50	$492.50	$590.00	$570.50	$621.50
Computer systems analysts (business) I	524.50	462.50	-	620.50	491.50	436.50	547.50	-	393.50	541.00	466.00	518.00
Computer systems analysts (business) II	627.50	558.50	-	748.00	612.50	551.00	630.00	625.50	547.00	554.00	536.00	588.00
Computer systems analysts (business) III	690.00	644.00	-	-	712.50	634.00	736.50	-	-	677.00	624.50	680.50
Computer programmers (business)	464.50	480.00	$438.00	566.50	508.00	413.50	537.50	489.50	422.00	450.50	445.50	484.00
Computer programmers (business) I	356.50	390.00	-	-	417.00	338.00	441.00	-	-	365.00	360.50	395.00
Computer programmers (business) II	460.50	476.00	432.50	499.00	489.50	418.50	530.00	479.00	404.00	429.50	441.50	476.00
Computer programmers (business) III	562.50	545.00	507.00	-	610.00	497.00	630.00	-	-	506.00	513.00	577.50
Computer operators	350.00	353.50	281.50	420.50	434.00	276.00	349.00	281.50	306.00	357.00	320.00	354.50
Computer operators I	324.00	293.00	226.00	332.00	382.50	261.00	303.00	240.00	270.50	287.00	269.00	272.00
Computer operators II	347.00	347.00	279.50	444.00	437.00	343.50	359.00	299.50	352.50	357.50	317.50	360.00
Computer operators III	463.50	437.00	-	534.50	497.50	-	438.50	-	-	419.00	369.50	418.50
Peripheral equipment operators	-	397.00	-	-	438.50	-	-	-	-	344.00	283.50	326.50
Computer data librarians	278.50	290.00	-	-	366.50	-	-	-	-	324.50	286.50	328.50
Drafters	372.00	416.50	350.00	443.50	528.00	366.50	448.50	329.00	366.00	391.50	400.00	418.00
Drafters I	-	-	-	-	195.00	-	-	-	-	-	-	-
Drafters II	343.50	295.50	-	-	300.50	281.00	342.00	242.50	-	293.50	318.50	310.50
Drafters III	376.50	370.00	-	423.00	415.00	357.00	374.00	319.50	-	382.00	331.00	355.50
Drafters IV	391.00	442.00	390.00	472.50	491.00	437.50	449.50	374.50	412.50	399.00	387.50	461.50
Drafters V	-	546.50	-	455.00	644.00	-	544.00	447.50	-	457.00	492.50	539.00
Electronics technicians	476.00	502.50	475.50	-	511.50	425.50	424.00	320.00	398.50	455.00	445.50	469.50
Electronics technicians I	331.50	357.50	-	-	-	-	309.50	-	-	368.00	347.50	-
Electronics technicians II	472.00	525.50	453.00	476.00	-	417.00	415.00	341.00	437.00	473.50	414.00	476.50
Electronics technicians III	505.50	542.50	532.00	-	493.50	458.50	506.50	403.00	-	-	509.50	461.00
Registered industrial nurses	490.50	448.00	-	488.00	545.50	343.50	491.00	-	-	463.50	442.00	442.50

See footnotes at end of table.

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Table 2. Continued—Average earnings for selected professional and technical occupations in 24 areas, January-July 1984[1]

Occupation and level[2]	Norfolk–Virginia Beach–Portsmouth, Va.– N.C.	Pittsburgh, Pa.	Richmond, Va.	St. Louis, Mo.–Ill.	San Antonio, Tex.	San Francisco–Oakland, Calif.	San Jose, Calif.	Toledo, Ohio–Mich.	Washington, D.C.–Md.–Va.	Wichita, Kans.	Worcester, Mass.	York, Pa.
	May	January	June	March	May	March	March	June	March	April	March	January
Computer systems analysts (business)	$522.50	$568.00	$558.50	$614.00	$586.00	$664.00	$662.00	$591.50	$558.00	$561.00	$551.00	490.50
Computer systems analysts (business) I	-	495.50	464.50	480.50	470.50	586.00	565.50	441.50	460.50	-	454.50	-
Computer systems analysts (business) II	-	556.00	527.50	582.00	569.00	637.50	649.00	567.00	532.50	579.00	540.00	495.50
Computer systems analysts (business) III	589.50	647.50	627.50	696.50	-	736.00	735.00	663.00	632.00	674.00	651.50	507.00
Computer programmers (business)	420.00	426.50	434.50	453.00	435.50	548.50	568.50	423.50	479.00	436.50	437.50	394.50
Computer programmers (business) I	-	348.50	354.00	370.50	339.50	427.00	478.50	337.50	417.50	350.50	366.00	300.50
Computer programmers (business) II	394.00	441.00	420.50	439.00	420.00	560.00	540.50	432.00	471.00	442.00	417.00	371.00
Computer programmers (business) III	-	526.50	510.50	544.00	494.50	646.50	644.00	525.00	574.50	521.00	532.00	495.00
Computer operators	265.00	335.00	319.00	297.50	291.00	379.00	390.50	356.00	330.50	380.00	309.00	280.00
Computer operators I	236.00	255.00	252.50	223.00	235.00	336.00	339.00	309.50	304.50	339.50	258.00	228.50
Computer operators II	255.50	320.00	325.00	303.00	293.50	372.50	390.00	372.00	339.00	378.00	336.50	285.00
Computer operators III	-	415.00	370.00	354.00	374.00	426.00	442.00	392.00	380.00	412.00	407.50	-
Peripheral equipment operators	-	283.50	-	-	-	376.00	-	-	-	-	-	-
Computer data librarians	-	-	257.50	287.50	-	320.00	-	-	316.00	-	-	-
Drafters	333.50	437.00	349.50	390.00	329.00	501.00	440.00	382.00	352.00	467.00	-	363.00
Drafters I	-	270.50	-	232.50	-	-	-	-	-	-	-	-
Drafters II	264.50	304.00	261.00	289.00	243.50	-	363.00	256.50	252.00	-	-	255.50
Drafters III	-	368.00	324.50	336.50	304.00	415.50	391.50	336.00	317.00	435.50	336.00	311.00
Drafters IV	412.00	445.00	389.00	427.50	369.00	484.50	464.50	421.00	395.50	454.50	409.00	391.00
Drafters V	-	505.50	-	538.50	463.00	598.50	528.50	488.00	491.50	515.00	-	464.00
Electronics technicians	-	487.00	514.00	485.50	348.50	523.50	442.00	435.50	441.50	449.50	394.50	471.00
Electronics technicians I	-	-	-	308.00	-	-	335.50	-	346.50	386.50	-	-
Electronics technicians II	-	465.00	536.50	438.50	340.00	-	442.50	-	393.50	411.50	394.50	472.00
Electronics technicians III	-	521.50	500.00	571.00	401.50	578.00	509.50	-	524.00	512.00	-	535.50
Registered industrial nurses	-	443.50	449.50	456.00	-	523.00	-	475.50	-	468.00	-	385.00

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-July 1984[1]

Occupation	Atlanta, Ga.	Chicago, Ill.	Corpus Christi, Tex.	Davenport–Rock Island–Moline, Iowa–Ill.	Detroit, Mich.	Greenville–Spartanburg, S.C.	Houston, Tex.	Huntsville, Ala.	Jackson, Miss.	Milwaukee, Wis.	Minneapolis–St. Paul, Minn.–Wis.	Newark, N.J.
	May	March	July	February	April	June	May	February	January	May	January	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$11.63	$13.48	-	$13.75	$13.65	$8.00	$13.06	-	-	$12.56	$13.97	$12.35
Maintenance electricians	12.73	13.56	$13.89	13.77	14.14	9.17	13.80	$11.31	$11.33	13.87	14.23	12.59
Maintenance painters	12.43	13.47	-	12.86	13.72	-	12.87	-	-	12.89	12.73	12.34
Maintenance machinists	13.79	13.17	14.35	13.26	12.61	8.83	13.72	10.57	10.18	14.70	13.66	11.85
Maintenance mechanics (machinery)	10.56	13.05	12.47	13.91	13.99	9.15	12.96	12.69	10.28	12.59	11.64	10.97
Maintenance pipefitters	13.74	13.53	-	14.18	13.74	9.68	13.88	-	-	14.09	14.95	13.21
Millwrights	-	13.54	-	12.90	13.85	-	-	-	-	13.63	13.72	12.39
Motor vehicle mechanic	11.36	14.41	8.61	13.23	13.50	9.86	11.61	9.66	10.49	11.73	12.63	11.65
Maintenance workers (general)	7.94	9.32	6.07	8.34	9.52	5.08	7.53	6.14	6.84	9.02	8.72	8.73
Maintenance trades helpers	-	9.17	-	9.58	10.73	5.86	-	7.75	6.88	-	10.14	9.11
Machine-tool operators (toolroom)	-	12.50	-	13.84	14.07	9.95	12.96	-	-	13.01	10.07	-
Tool and die makers	12.38	13.53	-	14.65	14.01	10.33	12.56	10.66	-	13.87	12.74	11.83
Stationary engineers	11.34	14.23	-	13.98	13.53	8.36	11.56	-	-	12.66	11.92	13.13
Material movement and custodial												
Truckdrivers[2]	8.48	12.95	6.81	10.83	12.01	8.96	8.94	7.77	8.45	10.94	12.25	11.28
Truckdrivers, light truck	5.02	11.10	5.37	-	8.45	4.25	5.76	-	-	6.56	10.51	7.16
Truckdrivers, medium truck	8.21	13.09	7.26	-	11.74	-	9.07	9.57	11.06	9.19	10.04	12.93
Truckdrivers, heavy truck	-	12.04	-	9.14	-	5.82	8.18	-	5.45	9.27	12.61	9.52
Truckdrivers, tractor-trailer	10.78	13.22	7.24	11.45	12.78	9.67	10.48	6.96	10.62	12.56	13.12	12.31
Shippers	8.78	8.80	-	9.07	11.43	6.92	7.46	6.69	5.15	9.17	8.83	8.60
Receivers	8.51	8.98	-	9.44	11.02	6.56	7.53	6.93	6.27	8.81	9.21	8.55
Shippers and receivers	8.81	8.34	6.60	10.24	9.96	-	7.83	7.55	6.60	8.82	9.08	7.84
Warehousemen	8.43	10.05	10.16	11.37	9.28	6.91	9.96	8.74	6.48	8.67	11.27	8.40
Order fillers	7.15	9.31	4.92	8.80	9.27	6.72	7.26	-	5.24	9.12	10.15	7.75
Shipping packers	7.05	7.66	-	8.76	9.55	6.12	-	6.62	-	6.78	7.14	7.30
Material handling laborers	7.67	10.50	5.52	9.98	11.47	7.08	6.42	6.52	7.31	9.98	10.24	6.62
Forklift operators	7.99	9.88	6.61	11.57	11.92	6.56	8.49	7.48	8.02	10.55	10.91	8.89
Power-truck operators (other than forklift)	9.79	9.86	-	-	12.05	-	-	-	-	-	11.37	-
Guards	4.86	5.55	4.58	-	7.92	4.00	5.58	5.01	3.86	5.38	5.83	4.81
Guards I	4.63	5.28	4.46	-	7.81	3.96	5.48	4.84	3.86	5.16	5.65	4.72
Guards II	-	9.01	-	11.50	8.55	-	10.00	-	-	10.29	8.00	7.88
Janitors, porters, and cleaners	4.36	6.92	4.01	6.62	7.59	4.11	4.01	5.02	3.92	5.18	6.05	5.29

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-July 1984[1]

Occupation	Norfolk-Virginia Beach-Portsmouth, Va.- N.C.	Pittsburgh, Pa.	Richmond, Va.	St. Louis, Mo.-Ill.	San Antonio, Tex.	San Francisco-Oakland, Calif.	San Jose, Calif.	Toledo, Ohio-Mich.	Washington, D.C.-Md.-Va.	Wichita, Kans.	Worcester, Mass.	York, Pa.
	May	January	June	March	May	March	March	June	March	April	March	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$10.36	$11.15	$12.82	$12.70	$10.20	$15.25	-	-	$11.46	$12.51	$9.52	-
Maintenance electricians	11.59	12.36	14.04	13.51	9.95	14.09	$14.15	$13.04	11.74	12.31	10.82	$11.31
Maintenance painters	-	10.93	11.78	13.17	-	14.54	-	13.17	10.85	-	-	-
Maintenance machinists	10.05	12.08	13.56	13.90	-	14.84	-	13.30	-	-	10.75	10.61
Maintenance mechanics (machinery)	9.81	12.02	15.05	11.51	8.95	13.71	13.74	13.25	-	11.48	10.08	10.52
Maintenance pipefitters	-	11.98	-	13.55	-	13.76	-	13.49	-	-	11.37	11.88
Millwrights	-	-	-	13.30	-	-	-	12.99	-	-	-	11.24
Motor vehicle mechanic	10.30	12.07	10.17	11.85	10.10	14.80	14.48	12.81	12.74	10.99	11.52	10.17
Maintenance workers (general)	6.88	9.34	6.53	9.38	5.78	9.09	8.31	8.95	7.36	7.28	7.34	7.57
Maintenance trades helpers	7.55	10.21	-	-	-	11.27	-	-	-	-	-	8.09
Machine-tool operators (toolroom)	-	12.12	-	-	-	-	-	12.97	-	-	9.25	11.79
Tool and die makers	-	12.41	-	14.49	10.78	16.09	15.94	13.27	-	13.83	10.19	11.83
Stationary engineers	-	12.31	13.36	12.39	9.80	15.04	13.97	13.09	12.30	12.01	10.90	-
Material movement and custodial												
Truckdrivers[2]	7.03	11.72	9.19	11.88	6.96	12.90	12.13	11.84	10.60	9.48	9.59	9.29
Truckdrivers, light truck	4.52	10.86	8.47	-	5.00	8.66	-	8.88	6.79	4.83	7.19	-
Truckdrivers, medium truck	7.23	10.07	9.26	11.63	8.17	12.35	11.49	11.59	10.07	9.89	8.24	9.74
Truckdrivers, heavy truck	6.70	10.84	8.37	9.75	5.60	-	-	-	11.34	-	-	7.40
Truckdrivers, tractor-trailer	7.80	12.16	9.67	12.50	7.37	13.80	11.84	12.12	11.87	11.32	10.00	9.76
Shippers	6.34	9.82	9.92	8.61	6.85	11.33	7.25	9.17	10.10	10.02	7.21	8.65
Receivers	6.56	8.83	7.99	9.53	6.02	10.69	7.85	9.69	9.41	-	7.52	7.66
Shippers and receivers	-	9.87	9.09	9.14	6.41	9.32	7.25	8.68	7.65	7.44	7.64	7.62
Warehousemen	6.59	9.16	7.49	9.18	6.17	11.08	8.96	10.28	8.09	6.85	7.90	8.72
Order fillers	4.83	10.40	8.20	9.95	6.85	13.58	-	-	8.84	7.07	7.30	7.55
Shipping packers	-	9.25	-	8.75	4.91	6.73	-	10.52	-	-	6.59	6.54
Material handling laborers	6.19	9.60	7.31	10.08	5.98	10.10	7.12	12.04	8.05	7.21	5.94	8.38
Forklift operators	7.34	10.05	9.16	10.72	7.65	12.10	9.92	10.42	9.58	10.78	8.70	8.94
Power-truck operators (other than forklift)	-	-	-	-	-	11.66	-	-	-	-	-	8.15
Guards	4.20	4.58	4.30	5.22	4.02	5.50	6.21	5.21	5.17	6.47	5.81	4.75
Guards I	4.03	4.46	3.91	4.32	4.02	5.19	5.70	5.02	4.64	9.09	5.16	4.46
Guards II	-	6.38	-	6.49	-	-	-	-	6.54	8.58	-	-
Janitors, porters, and cleaners	4.05	5.74	4.24	5.29	4.35	8.77	7.08	6.99	3.99	5.40	5.51	6.56

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 24 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Newark	5.9	5.2	7.0	5.4	3.4	5.4	4.1	7.5	5.3	5.5	6.2	5.6	6.5	2.6
Pittsburgh	5.1	5.0	2.3	-.1	2.6	3.6	4.6	1.8	-1.4	2.0	6.3	5.4	-	3.2
Worcester	4.9	7.3	-	3.4	2.5	-	-	-	3.3	2.1	5.1	8.0	-	-
York	4.9	5.4	6.9	5.4	4.4	5.6	-	6.8	5.7	4.9	-	-	-	3.8
South														
Atlanta	5.3	3.9	4.6	3.6	3.6	-	-	5.4	4.6	5.7	5.6	3.9	-	3.2
Corpus Christi	-	-	-	2.5	1.8	-	-	-	2.4	2.1	-	-	-	-
Greenville-Spartanburg	5.3	3.8	5.7	5.0	3.2	-	-	5.7	5.4	5.1	-	-	-	2.0
Houston	4.6	3.9	5.1	3.2	1.4	4.9	5.6	6.2	2.5	3.0	4.6	3.7	-	1.1
Huntsville	6.7	-	10.2	4.8	6.3	-	-	10.2	4.3	6.0	-	-	-	-
Jackson	6.4	6.6	-	4.6	2.8	-	-	-	5.2	5.8	6.5	7.0	-	1.3
Norfolk-Virginia Beach-Portsmouth	6.1	-	-	4.1	1.6	-	-	-	5.0	6.6	6.3	-	-	.1
Richmond	6.2	6.5	7.8	5.2	2.4	6.4	7.7	7.8	5.1	6.3	6.1	6.0	-	.6
San Antonio	6.0	7.0	-	4.2	4.7	-	-	-	4.9	6.4	6.3	7.2	-	4.4
Washington	7.2	5.8	-	6.6	.6	-	-	-	-	-	7.4	5.6	-	.5
North Central														
Chicago	5.4	5.5	6.0	4.0	3.4	5.7	5.3	5.3	4.0	6.1	5.3	5.6	8.2	2.6
Davenport-Rock Island-Moline	5.1	6.0	9.2	2.9	2.3	-	-	9.2	2.7	2.7	4.8	-	-	1.8
Detroit	4.9	5.9	6.3	5.8	4.6	5.9	5.7	6.0	6.1	6.4	4.2	6.0	-	2.6
Milwaukee	5.4	5.3	4.4	4.0	2.6	5.7	6.2	4.3	3.6	3.3	5.1	4.7	-	1.8
Minneapolis-St. Paul	5.9	5.9	6.7	4.6	3.3	6.2	5.9	6.6	4.9	5.6	5.7	5.9	-	2.4
St. Louis	5.1	4.4	5.6	4.9	3.5	5.1	4.7	5.4	5.0	5.0	5.1	4.4	-	2.3
Toledo	4.8	7.3	6.9	3.3	2.9	5.5	7.9	7.5	4.3	5.3	3.6	-	-	.5
Wichita	4.8	6.5	4.5	8.0	2.0	4.9	-	4.5	8.0	1.9	4.6	6.3	-	2.1
West														
San Francisco-Oakland	6.6	5.3	6.5	4.2	5.0	6.8	5.6	-	4.1	2.9	6.6	5.2	-	5.1
San Jose	6.4	6.0	-	5.4	1.8	-	5.2	-	5.8	-	7.0	7.5	-	-

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices, listed elsewhere in this report.

Albany—Schenectady—Troy,N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.

Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.

Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.

Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.

Fresno, Calif.

Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem— High Point, N.C.

Greenville—Spartanburg, S.C

Hartford, Conn.
Houston, Tex.
Huntsville, Ala.

Indianapolis, Ind.

Jackson, Miss.
Jacksonville, Fla.

Kansas City, Mo.—Kans.

Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.

Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.

Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania

Oklahoma City, Okla.

Omaha, Nebr.—Iowa

Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.
Portland, Me.
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.

Richmond, Va.

St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich.
Salt Lake City—Ogden, Utah
San Antonio, Tex.
San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
Seattle—Everett, Wash.
South Bend,Ind.

Toledo, Ohio—Mich.
Trenton, N.J.

Washington, D.C.— Md.—Va.
Wichita, Kans.
Worcester, Mass.

York, Pa.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, Ga.
Albuquerque, N.Mex.
Alexandria-Leesville, La.
Alpena-Standish-Tawas City, Mich.
Ann Arbor, Mich.
Antelope Valley, Calif.
Asheville, N.C.
Atlantic City, N.J.
Augusta, Ga.-S.C.
Austin, Tex.

Bakersfield, Calif.
Baton Rouge, La.
Battle Creek, Mich.
Beaumont-Port Arthur-Orange and Lake Charles, Tex.-La.
Biloxi-Gulfport and Pascagoula-Moss Point, Miss.
Binghamton, N.Y.
Birmingham, Ala.
Bloomington-Vincennes, Ind.
Bremerton-Shelton, Wash.
Brunswick, Ga.

Cedar Rapids, Iowa
Champaign-Urbana-Rantoul, Ill.
Charleston-North Charleston—Walterboro, S.C.
Charlotte-Gastonia, N.C.
Cheyenne, Wyo.
Clarksville-Hopkinsville, Tenn.-Ky.
Colorado Springs, Colo.
Columbia-Sumter, S.C.
Columbus, Ga.
Columbus, Miss.
Connecticut (statewide)

Decatur, Ill.
Des Moines, Iowa
Dothan, Ala.
Duluth-Superior, Minn.-Wis.

El Paso-Alamogordo-Las Cruces, Tex.-N. Mex.
Eugene-Springfield-Medford, Oreg.
Fayetteville, N.C.
Fort Lauderdale-Hollywood and West Palm Beach-Boca Raton, Fla.
Fort Wayne, Ind.
Frederick-Hagerstown Chambersburg, Md.-Pa.

Gadsden and Anniston, Ala.
Goldsboro, N.C.
Grand Island-Hastings, Nebr.
Guam, Territory of

Harrisburg-Lebanon, Pa.

Knoxville, Tenn.

La Crosse-Sparta, Wis.
Laredo, Tex.
Las Vegas-Tonopah, Nev.
Lexington-Fayette, Ky.
Lima, Ohio
Little Rock-North Little Rock, Ark.
Logansport-Peru, Ind.
Lorain-Elyria, Ohio
Lower Eastern Shore, Md.-Va.-Del.

Macon, Ga.
Madison, Wis.
Maine (statewide)
Mansfield, Ohio
McAllen-Pharr-Edinburg and Brownsville-Harlingen-San Benito, Tex.
Melbourne-Titusville-Cocoa, Fla.
Meridian, Miss.
Middlesex, Monmouth, and Ocean Counties, N.J.
Mobile-Pensacola-Panama City, Ala.-Fla.
Montana (statewide)
Montgomery, Ala.

Nashville-Davidson, Tenn.
New Bern-Jacksonville, N.C.
New Hampshire (statewide)
North Dakota (statewide)
Northern New York
Northwest Texas

Orlando, Fla.
Oxnard-Simi Valley-Ventura, Calif.

Peoria, Ill.
Phoenix, Ariz.
Pine Bluff, Ark.
Portsmouth-Chillicothe-Gallipolis, Ohio
Pueblo, Colo.
Puerto Rico

Raleigh-Durham, N.C.
Reno, Nev.
Riverside-San Bernardino-Ontario, Calif.

Salina, Kans.
Salinas-Seaside-Monterey, Calif.
Sandusky, Ohio
Santa Barbara-Santa Maria-Lompoc, Calif.
Savannah, Ga.
Selma, Ala.
Sherman-Denison, Tex.
Shreveport, La.
South Dakota (statewide)
Southeastern Massachusetts
Southwest Virginia
Spokane, Wash.
Springfield, Ill.
Stockton, Calif.

Tacoma, Wash.
Tampa-St.Petersburg, Fla.
Topeka, Kans.
Tucson-Douglas, Ariz.
Tulsa, Okla.

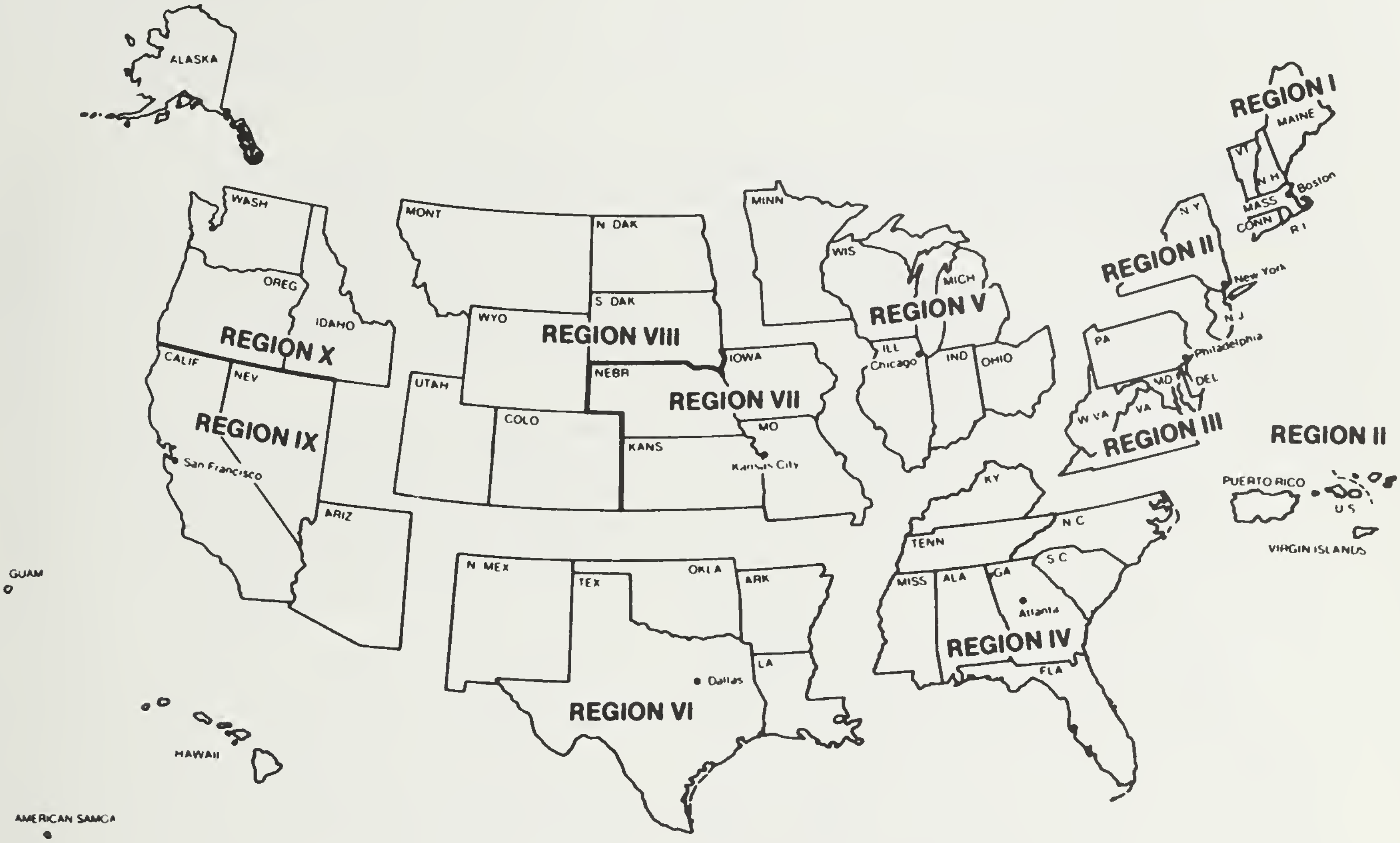
Upper Peninsula, Mich.

Vallejo-Napa-Fairfield, Calif.
Vermont (statewide)
Virgin Islands of the U.S.

Waco and Killeen-Temple, Tex.
West Virginia (statewide)
Western and Northern Massachusetts
Wichita Falls-Lawton-Altus, Tex.- Okla.
Wilmington, Del.-N.J.-Md.

Yakima-Richland-Kennewick- Pendleton, Wash.-Oreg.

Bureau of Labor Statistics Regional Offices



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Phone: (415) 556-4678

GPO 922-306

Occupational Earnings and Wage Trends in Metropolitan Areas, 1984

U.S. Department of Labor
Bureau of Labor Statistics
December 1984

Summary 84-10 (No. 2 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from May through October 1984. Data for another 24 areas have been presented in an earlier summary; data for the remaining 23 areas surveyed in 1984 will be presented in a subsequent summary.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; and health, insurance, and pension plans. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 95 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 23 areas, May-October 1984[1]

Occupation and level[2]	Albany-Schenectady-Troy, N.Y.	Baltimore, Md.[3]	Billings, Mont.	Boston, Mass.[3]	Chattanooga, Tenn.-Ga.[3]	Cincinnati, Ohio-Ky.-Ind.	Cleveland, Ohio	Daytona Beach, Fla.	Fresno, Calif.	Gainesville, Fla.	Green Bay, Wis.[3]	Greensboro-Winston-Salem-High Point, N.C.
	September	August	July	August	September	July	September	August	June	September	August	August
Secretaries	$364.00	$347.00	$298.50	$344.00	$312.00	$347.00	$347.00	$310.50	$311.00	$282.50	$319.00	$331.50
Secretaries I	257.50	268.50	263.00	267.00	249.00	288.00	324.50	-	244.50	247.50	269.50	278.00
Secretaries II	277.00	309.50	321.00	316.50	282.50	321.50	312.00	279.50	269.00	-	317.50	313.50
Secretaries III	365.00	356.00	304.50	341.50	312.50	345.50	351.50	354.00	340.00	321.00	311.50	346.00
Secretaries IV	401.00	411.00	339.50	399.50	378.00	376.50	381.50	330.50	351.50	-	352.50	390.50
Secretaries V	425.00	448.00	-	451.00	-	463.00	438.50	-	-	-	-	368.50
Stenographers	339.50	393.50	344.00	329.00	-	341.50	339.00	-	-	-	-	-
Stenographers I	319.00	418.50	-	292.00	-	322.50	311.00	-	-	-	-	-
Stenographers II	351.50	349.00	-	-	-	360.50	357.00	-	-	-	-	-
Transcribing-machine typists	-	-	-	-	-	264.00	-	-	-	-	-	-
Typists	261.50	275.00	-	237.00	241.50	250.50	267.50	-	202.00	-	241.50	256.00
Typists I	196.50	224.50	-	217.00	220.00	215.00	251.00	-	198.00	-	-	239.50
Typists II	333.50	318.50	-	288.50	-	272.50	282.00	-	-	-	-	313.50
Word processors	-	276.50	-	290.00	254.50	-	-	-	-	-	209.50	-
Word processors I	-	262.00	-	266.50	240.50	-	-	-	-	-	195.00	-
Word processors II	-	300.50	-	327.00	276.00	-	-	-	-	-	-	-
File clerks	184.50	242.00	165.00	205.00	178.50	198.50	206.50	-	193.50	-	-	197.50
File clerks I	168.00	264.00	-	195.50	177.50	182.00	229.00	-	159.00	-	-	184.50
File clerks II	-	220.50	179.00	208.00	-	200.50	194.00	-	-	-	-	251.50
File clerks III	-	-	-	249.00	-	-	-	-	-	-	-	-
Messengers	289.50	219.50	-	198.00	182.00	187.50	247.00	-	-	-	-	218.00
Receptionists	-	211.00	-	256.00	-	-	233.50	-	-	-	-	-
Switchboard operators	245.00	243.50	219.50	249.00	226.00	265.00	254.00	-	273.00	194.50	-	245.00
Switchboard operator-receptionists	219.50	220.00	207.50	242.00	229.00	238.00	243.00	197.50	215.00	199.50	217.00	215.50
Order clerks	226.50	244.00	-	254.50	236.00	286.00	285.50	-	305.50	-	258.50	287.00
Order clerks I	206.00	237.50	-	236.00	236.00	251.00	281.00	-	304.00	-	241.50	253.50
Order clerks II	-	-	-	316.00	-	338.50	300.50	-	-	-	-	346.00
Accounting clerks	279.00	272.50	278.50	263.00	243.00	273.00	290.50	240.50	266.00	248.00	292.50	264.00
Accounting clerks I	200.50	222.50	224.50	206.00	199.50	234.50	273.50	-	-	190.50	220.00	195.50
Accounting clerks II	232.50	237.00	268.00	247.00	231.50	275.50	260.50	224.50	257.50	239.00	241.00	241.00
Accounting clerks III	298.00	277.50	346.00	289.50	281.00	301.00	309.50	316.00	289.50	273.00	332.00	288.00
Accounting clerks IV	369.50	465.00	361.50	353.50	-	340.50	352.50	-	-	-	-	331.00
Payroll clerks	342.00	316.00	258.50	291.00	263.50	308.00	298.00	239.00	287.00	-	281.50	260.00
Key entry operators	271.00	260.50	249.50	261.50	244.00	301.00	263.50	261.00	256.00	238.50	218.00	259.50
Key entry operators I	236.00	246.00	225.00	248.00	238.50	322.50	245.00	-	256.00	240.50	198.50	252.50
Key entry operators II	314.50	285.50	330.00	297.00	-	272.50	286.50	-	256.00	-	-	296.00

See footnotes at end of table.

Table 1. Continued—Average earnings for selected office occupations in 23 areas, May-October 1984[1]

Occupation and level[2]	Hartford, Conn.	Indianapolis, Ind.[3]	Kansas City, Mo.-Kans.	Nassau-Suffolk, N.Y.[3]	New York, N.Y.-N.J.	Northeast Pennsylvania	Oklahoma City, Okla.	Paterson-Clifton-Passaic, N.J.	Portland, Oreg.-Wash.	Providence-Warwick-Pawtucket, R.I.-Mass.	South Bend, Ind.
	July	October	September	August	May	August	August	June	June	June	August
Secretaries	$303.50	$349.50	$321.00	$343.50	$362.50	$274.50	$332.50	$332.00	$359.00	$295.00	$335.00
Secretaries I	250.00	326.00	265.00	287.50	298.50	223.50	286.00	273.50	-	234.00	344.00
Secretaries II	276.00	296.00	284.50	275.50	326.50	261.50	311.50	298.50	317.50	293.50	262.50
Secretaries III	332.50	346.50	344.00	343.00	377.00	292.50	337.50	327.50	325.00	286.50	331.00
Secretaries IV	378.50	389.50	371.50	388.00	396.50	327.50	409.50	372.50	393.50	342.00	347.50
Secretaries V	442.50	432.50	448.00	485.00	454.50	-	451.00	420.50	411.00	401.50	400.00
Stenographers	-	376.00	356.00	-	293.00	267.50	-	-	-	261.50	325.00
Stenographers I	-	-	326.00	-	264.50	230.50	-	-	-	255.00	-
Stenographers II	-	397.00	398.50	-	310.00	-	-	-	-	-	-
Transcribing-machine typists	-	-	275.00	-	282.50	-	-	-	-	-	-
Typists	229.50	231.50	229.50	214.00	230.00	232.50	227.00	227.50	233.50	210.50	252.50
Typists I	197.00	198.50	215.50	205.00	214.50	216.00	208.50	209.00	210.50	204.00	-
Typists II	271.00	257.50	252.50	240.50	262.50	-	247.50	259.50	-	-	-
Word processors	-	262.00	-	273.00	-	-	-	262.50	-	-	-
Word processors I	-	250.50	-	246.50	-	-	-	255.00	-	-	-
Word processors II	-	279.00	-	317.50	-	-	-	-	-	-	-
File clerks	186.00	175.50	224.00	187.50	202.50	201.50	198.50	190.50	206.00	188.50	179.00
File clerks I	173.50	161.00	186.00	180.00	188.50	204.50	195.50	177.50	194.00	171.50	-
File clerks II	-	188.00	255.00	198.50	205.50	-	-	-	-	193.50	-
File clerks III	-	-	281.00	-	287.00	-	-	-	-	-	-
Messengers	191.50	235.00	238.00	189.00	206.00	-	212.00	181.50	-	-	-
Receptionists	-	-	256.00	207.00	-	210.50	233.00	-	223.00	-	-
Switchboard operators	241.00	233.00	212.00	235.00	275.50	202.50	243.50	235.50	247.50	233.50	-
Switchboard operator-receptionists	241.00	222.00	251.50	228.50	254.50	224.50	230.50	235.50	267.50	215.50	218.00
Order clerks	265.00	319.50	246.50	234.00	271.50	226.00	248.00	254.50	297.50	239.50	268.50
Order clerks I	252.50	256.00	234.00	228.50	248.50	223.50	243.00	227.00	275.50	231.00	266.50
Order clerks II	319.50	381.50	278.00	-	-	229.50	-	290.00	360.00	-	270.50
Accounting clerks	261.50	265.00	302.00	258.50	288.00	230.50	288.50	262.50	285.50	249.50	256.50
Accounting clerks I	216.50	229.00	241.00	192.00	226.00	199.50	261.50	213.00	-	213.00	234.50
Accounting clerks II	243.50	254.50	302.00	241.50	260.50	227.00	268.50	244.00	259.00	234.50	253.00
Accounting clerks III	291.00	277.50	315.00	276.50	312.00	282.00	321.50	288.50	314.00	282.00	285.00
Accounting clerks IV	302.00	346.50	368.50	353.50	348.50	-	443.00	327.50	346.50	352.50	316.50
Payroll clerks	260.00	292.00	321.50	279.00	309.50	246.50	290.00	301.00	324.50	256.50	282.50
Key entry operators	239.00	252.00	284.50	245.50	292.50	222.50	265.00	239.50	285.50	233.00	247.00
Key entry operators I	220.00	230.00	274.50	232.00	284.00	201.00	248.00	200.00	274.00	225.50	227.00
Key entry operators II	265.00	288.50	301.00	288.50	306.50	299.50	292.50	268.50	294.00	253.00	297.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] A revised description for secretaries was introduced in this area in 1984. Earnings for the overall secretary classification are comparable with earlier estimates; however, earnings for individual levels are not comparable. This completes the 3-year transition to the new description, which was introduced into one-third of the areas each year.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 23 areas, May-October 1984[1]

Occupation and level[2]	Albany-Schenectady-Troy, N.Y.	Baltimore, Md.	Billings, Mont.	Boston, Mass.	Chattanooga, Tenn.-Ga.	Cincinnati, Ohio-Ky.-Ind.	Cleveland, Ohio	Daytona Beach, Fla.	Fresno, Calif.	Gainesville, Fla.	Green Bay, Wis.	Greensboro-Winston-Salem-High Point, N.C.
	September	August	July	August	September	July	September	August	June	September	August	August
Computer systems analysts (business)	$630.50	$587.00	-	$589.00	$611.00	$579.00	$589.00	-	$597.00	-	$517.50	$582.00
Computer systems analysts (business) I	486.50	479.00	-	431.00	-	487.50	455.00	-	-	-	-	504.00
Computer systems analysts (business) II	617.50	564.00	-	573.50	637.50	576.00	552.50	-	-	-	489.00	588.50
Computer systems analysts (business) III	-	675.00	-	689.00	-	646.00	653.50	-	-	-	618.00	693.50
Computer programmers (business)	439.50	435.50	$389.50	449.50	423.50	486.50	458.50	-	-	-	382.50	405.50
Computer programmers (business) I	365.50	-	-	361.50	-	339.50	371.50	-	-	-	-	344.00
Computer programmers (business) II	427.00	447.00	-	451.00	441.00	435.50	445.50	-	-	-	381.00	418.00
Computer programmers (business) III	499.50	506.50	-	535.00	-	612.00	533.00	-	-	-	459.50	488.50
Computer operators	338.50	341.00	267.00	316.50	297.00	359.50	328.00	-	331.00	$259.00	314.00	328.50
Computer operators I	312.00	278.00	-	272.50	236.50	285.00	267.00	-	-	229.00	278.00	275.00
Computer operators II	314.50	328.50	263.50	338.50	314.00	350.50	328.50	-	352.50	-	308.00	338.00
Computer operators III	406.50	424.50	-	430.00	-	453.00	394.00	-	-	-	-	431.00
Peripheral equipment operators	-	-	-	245.50	-	-	-	-	-	-	-	-
Computer data librarians	-	296.50	-	265.00	-	-	334.00	-	-	-	-	-
Drafters	436.00	411.00	433.00	418.00	368.00	381.00	396.00	$380.00	325.00	411.00	397.00	417.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-	-
Drafters II	-	307.00	-	282.50	-	296.50	297.50	-	-	-	-	-
Drafters III	424.50	324.50	-	354.00	331.50	326.50	334.00	-	315.50	304.00	-	379.00
Drafters IV	445.00	423.50	428.00	437.50	413.50	431.50	445.50	439.50	-	456.00	433.50	537.00
Drafters V	485.00	501.50	535.00	540.50	-	466.00	500.00	-	-	-	473.00	529.50
Electronics technicians	483.00	490.50	569.00	464.50	393.50	405.50	400.00	-	-	372.50	-	494.50
Electronics technicians I	-	354.00	-	342.50	-	-	366.50	-	-	-	-	464.50
Electronics technicians II	480.00	482.50	548.00	395.50	-	366.50	368.00	-	-	426.50	-	496.50
Electronics technicians III	509.50	553.50	618.00	-	-	-	493.50	-	-	-	-	540.00
Registered industrial nurses	423.00	450.50	-	436.50	-	458.50	456.00	-	-	-	-	419.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 23 areas, May-October 1984[1]

Occupation and level[2]	Hartford, Conn.	Indianapolis, Ind.	Kansas City, Mo.-Kans.	Nassau-Suffolk, N.Y.	New York, N.Y.-N.J.	Northeast Pennsylvania	Oklahoma City, Okla.	Paterson-Clifton-Passaic, N.J.	Portland, Oreg.-Wash.	Providence-Warwick-Pawtucket, R.I.-Mass.	South Bend, Ind.
	July	October	September	August	May	August	August	June	June	June	August
Computer systems analysts (business)	$552.00	$595.00	$574.00	$624.00	$652.50	$558.00	$578.50	$620.00	$595.50	$541.00	$536.00
Computer systems analysts (business) I	-	491.50	459.50	472.50	504.00	-	-	-	501.00	466.00	-
Computer systems analysts (business) II	560.50	601.00	558.50	599.00	631.50	569.00	559.50	603.00	592.50	509.00	-
Computer systems analysts (business) III	667.50	697.50	654.50	719.00	709.00	-	630.50	704.50	697.50	613.50	627.50
Computer programmers (business)	422.50	401.00	468.50	473.00	494.00	377.00	433.50	486.50	422.00	395.00	347.50
Computer programmers (business) I	-	322.00	388.00	383.50	379.00	273.50	341.00	353.50	342.50	313.00	-
Computer programmers (business) II	440.50	385.00	448.50	468.50	468.00	416.50	464.00	447.50	435.00	380.50	377.50
Computer programmers (business) III	-	-	517.50	569.50	566.50	466.50	541.50	618.00	491.50	482.00	-
Computer operators	319.00	341.00	357.00	323.00	361.50	301.00	307.50	308.50	334.50	287.50	285.50
Computer operators I	261.00	251.00	292.00	242.50	297.50	246.00	257.50	243.50	269.00	254.50	-
Computer operators II	343.50	338.00	358.00	323.50	354.00	292.00	325.00	296.50	335.00	289.50	294.50
Computer operators III	417.00	404.00	426.00	403.00	409.50	359.00	389.00	368.00	-	376.50	-
Peripheral equipment operators	-	-	329.50	-	-	-	-	-	-	-	-
Computer data librarians	267.50	-	268.50	247.50	303.00	-	-	-	-	-	-
Drafters	378.00	466.00	375.00	408.50	419.50	307.50	365.00	372.50	384.00	397.50	379.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-
Drafters II	256.50	-	278.00	290.50	306.50	-	263.50	-	-	-	-
Drafters III	337.00	383.50	323.00	389.00	392.00	318.50	331.00	311.50	337.50	-	299.00
Drafters IV	398.00	457.00	397.00	420.00	408.50	382.50	401.00	382.00	398.00	407.50	380.50
Drafters V	494.00	590.50	514.00	529.50	523.50	-	-	459.00	454.50	-	447.50
Electronics technicians	482.00	474.00	496.50	362.00	519.50	440.50	-	470.50	-	411.00	415.00
Electronics technicians I	-	-	-	262.50	-	-	-	-	-	-	-
Electronics technicians II	396.00	487.50	483.00	362.50	535.00	445.00	-	463.50	-	402.00	433.00
Electronics technicians III	532.00	500.00	594.00	426.50	-	460.50	-	-	534.00	-	-
Registered industrial nurses	398.00	483.50	464.50	414.50	459.50	-	-	-	-	389.50	-

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[1] See footnote 1, table 1.
[2] See footnote 2, table 1.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, May-October 1984[1]

Occupation	Albany–Schenectady–Troy, N.Y. September	Baltimore, Md. August	Billings, Mont. July	Boston, Mass. August	Chattanooga, Tenn.–Ga. September	Cincinnati, Ohio–Ky.–Ind. July	Cleveland, Ohio September	Daytona Beach, Fla. August	Fresno, Calif. June	Gainesville, Fla. September	Green Bay, Wis. August	Greensboro–Winston-Salem–High Point, N.C. August
Maintenance, toolroom, and powerplant												
Maintenance carpenters	-	$11.67	-	$11.15	-	$11.72	$12.79	-	-	-	-	$9.60
Maintenance electricians	$11.52	13.19	$13.81	12.07	$10.40	12.45	13.38	-	$12.32	-	$12.94	12.50
Maintenance painters	10.24	12.18	-	10.11	-	11.66	13.06	-	-	-	-	9.66
Maintenance machinists	11.57	13.34	-	11.33	9.68	11.75	12.25	-	12.38	-	12.64	-
Maintenance mechanics (machinery)	10.45	12.77	11.88	11.03	10.45	10.99	13.04	-	11.14	-	12.29	10.90
Maintenance pipefitters	11.55	13.38	14.31	12.34	-	12.98	13.80	-	-	-	12.79	14.97
Millwrights	12.13	13.68	-	-	-	13.62	14.09	-	-	-	-	-
Motor vehicle mechanics	11.71	11.11	11.76	12.51	9.66	12.50	12.32	-	11.65	$9.47	11.94	10.83
Maintenance workers (general)	6.46	9.33	6.58	7.82	6.65	8.76	8.43	$5.21	7.67	5.14	10.35	6.38
Maintenance trades helpers	8.21	-	-	8.01	-	9.13	9.88	-	7.92	-	-	7.60
Machine-tool operators (toolroom)	11.32	10.94	-	11.04	-	12.48	13.30	-	-	-	-	-
Tool and die makers	12.39	12.88	-	12.79	-	13.09	13.05	-	-	-	-	12.12
Stationary engineers	11.45	12.80	11.35	12.10	-	12.22	12.53	-	-	-	-	13.67
Boiler tenders	-	-	-	-	-	-	-	-	-	-	-	-
Material movement and custodial												
Truckdrivers[2]	10.40	9.54	11.56	10.53	8.49	11.03	10.95	7.61	10.59	10.26	10.86	9.33
Truckdrivers, light truck	-	10.14	-	8.08	7.25	10.99	9.28	-	6.05	-	-	5.70
Truckdrivers, medium truck	9.55	8.66	11.42	11.21	7.51	9.62	11.49	9.26	11.32	-	-	10.25
Truckdrivers, heavy truck	9.60	8.83	-	9.19	9.85	10.05	11.16	-	-	-	-	-
Truckdrivers, tractor-trailer	11.33	10.35	11.23	11.66	9.07	12.09	12.45	-	10.77	-	11.60	9.26
Shippers	8.92	7.73	-	8.22	6.32	8.67	8.97	-	7.77	-	-	6.59
Receivers	7.88	9.02	9.85	8.46	6.38	9.14	8.39	-	7.82	-	6.27	7.40
Shippers and receivers	7.66	7.70	6.86	8.06	6.46	8.25	8.99	6.48	-	6.57	8.68	7.81
Warehousemen	8.11	7.39	-	8.57	8.22	8.39	8.98	7.00	7.63	7.90	9.49	8.18
Order fillers	7.92	6.61	-	8.43	5.87	8.59	9.07	-	-	-	10.76	6.74
Shipping packers	7.43	6.33	-	7.15	5.34	7.53	8.88	-	-	-	-	6.07
Material handling laborers	9.06	8.18	9.43	7.45	6.87	9.32	8.95	-	-	5.88	9.63	6.71
Forklift operators	8.41	8.75	-	9.29	7.33	9.73	10.70	-	8.92	4.50	10.39	8.95
Power-truck operators (other than forklift)	-	-	-	-	5.65	9.79	11.25	-	-	-	-	-
Guards	5.80	5.42	-	5.32	4.60	5.03	4.97	3.74	4.70	-	-	4.81
Guards I	5.39	4.79	-	5.20	3.95	4.81	4.80	3.74	4.70	-	-	4.59
Guards II	-	8.18	-	6.67	-	9.37	5.78	-	-	-	-	-
Janitors, porters, and cleaners	6.54	4.42	6.38	5.82	4.47	5.51	6.90	4.98	5.35	-	5.19	4.65

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, May-October 1984[1]

Occupation	Hartford, Conn.	Indianapolis, Ind.	Kansas City, Mo.-Kans.	Nassau-Suffolk, N.Y.	New York, N.Y.-N.J.	Northeast Pennsylvania	Oklahoma City, Okla.	Paterson-Clifton-Passaic, N.J.	Portland, Oreg.-Wash.	Providence-Warwick-Pawtucket, R.I.-Mass.	South Bend, Ind.
	July	October	September	August	May	August	August	June	June	June	August
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$10.92	$13.69	$12.27	$11.66	$10.51	$8.24	-	$11.58	$13.59	$9.07	$10.60
Maintenance electricians	12.24	14.08	13.28	12.80	12.41	10.26	$13.24	11.03	14.25	10.22	11.67
Maintenance painters	10.51	13.11	13.01	-	10.41	-	-	-	-	-	-
Maintenance machinists	10.88	12.46	13.74	13.13	12.89	9.87	-	10.28	13.84	9.43	-
Maintenance mechanics (machinery)	10.41	13.86	11.90	11.41	12.20	9.43	10.52	10.60	13.44	9.36	11.04
Maintenance pipefitters	11.13	14.02	13.46	-	13.09	-	-	-	-	-	12.80
Millwrights	-	14.66	13.69	-	-	-	-	-	-	-	12.49
Motor vehicle mechanics	10.62	12.18	12.31	10.64	13.24	11.02	11.40	11.41	13.61	10.19	12.32
Maintenance workers (general)	8.25	7.56	10.18	7.63	-	7.65	6.64	9.60	9.90	7.48	8.06
Maintenance trades helpers	-	8.11	10.77	9.57	8.44	7.55	-	7.79	-	-	-
Machine-tool operators (toolroom)	11.36	14.66	-	-	-	9.70	-	10.16	-	-	8.50
Tool and die makers	11.59	13.86	12.91	11.93	11.84	10.75	13.48	12.11	14.46	11.30	13.10
Stationary engineers	11.23	13.57	12.87	13.49	12.44	-	12.28	12.19	13.94	9.97	-
Boiler tenders	-	-	-	-	11.52	-	-	-	-	-	-
Material movement and custodial											
Truckdrivers[2]	9.97	12.13	11.48	11.37	11.87	9.19	8.82	9.74	11.55	10.79	9.28
Truckdrivers, light truck	7.11	11.13	7.87	6.35	8.41	-	6.67	-	5.64	6.02	-
Truckdrivers, medium truck	11.90	-	11.62	10.23	11.55	7.68	8.46	9.65	11.59	-	9.05
Truckdrivers, heavy truck	8.77	11.13	11.67	11.46	11.46	7.99	8.41	10.42	11.74	-	-
Truckdrivers, tractor-trailer	10.98	12.68	11.54	12.60	13.05	9.28	10.43	9.50	12.16	11.61	9.37
Shippers	8.51	9.13	9.50	7.25	8.62	7.12	7.56	9.08	9.59	7.34	8.12
Receivers	7.66	7.88	8.81	7.22	8.45	6.08	7.56	8.31	9.63	7.57	9.27
Shippers and receivers	8.39	7.16	8.44	6.58	9.79	7.72	9.66	8.06	10.34	7.05	7.41
Warehousemen	9.50	9.09	9.43	7.51	9.04	8.17	9.33	8.02	8.90	8.54	10.28
Order fillers	8.79	9.39	7.76	7.66	7.59	7.73	8.54	6.03	11.91	5.73	8.94
Shipping packers	7.16	6.92	7.23	5.70	7.24	7.03	6.67	6.57	-	5.85	-
Material handling laborers	7.94	10.40	9.42	7.90	9.37	10.33	6.89	6.78	11.69	5.97	10.80
Forklift operators	9.32	10.47	9.86	10.73	9.64	8.31	10.05	9.06	10.86	7.68	9.21
Power-truck operators (other than forklift)	-	10.84	11.92	-	-	-	-	-	11.78	-	-
Guards	5.84	6.06	6.07	5.12	5.30	4.03	5.43	4.43	4.82	4.16	8.52
Guards I	-	5.81	4.79	4.83	4.80	3.93	5.15	4.40	4.81	4.04	6.35
Guards II	-	10.37	8.40	8.54	6.92	-	7.50	-	-	-	-
Janitors, porters, and cleaners	4.72	5.46	5.87	5.78	7.78	4.86	5.41	5.88	7.08	4.88	7.38

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Albany-Schenectady-Troy	5.1	6.2	8.9	4.5	3.1	-	-	6.3	4.4	4.0	5.1	-	-	1.6
Boston	5.9	6.6	6.0	6.0	6.8	6.2	6.0	6.2	6.0	2.7	5.7	6.9	5.5	8.7
Hartford	4.9	3.2	3.4	5.1	6.9	5.7	-	7.2	4.8	3.8	4.5	3.0	-	8.3
Nassau-Suffolk	5.0	6.1	4.6	4.8	4.7	5.4	5.6	-	5.0	5.0	4.9	6.2	-	4.6
New York	6.1	6.3	6.4	6.3	5.4	6.5	6.7	4.8	6.3	5.5	6.0	6.2	7.5	5.3
Northeast Pennsylvania	4.5	6.2	7.7	5.5	1.9	-	-	-	6.3	5.3	4.2	6.6	-	.8
Paterson-Clifton-Passaic	4.6	5.5	-	3.9	5.0	4.9	5.5	-	4.0	5.3	-	-	-	-
Providence-Warwick-Pawtucket	6.3	5.4	5.5	5.6	4.2	6.9	-	-	5.9	5.4	5.5	4.9	-	2.7
South														
Baltimore	4.9	5.2	2.6	4.5	3.2	-	6.9	1.5	4.3	4.7	5.1	4.7	-	2.6
Chattanooga	5.9	-	-	4.3	4.5	-	-	-	4.4	4.3	-	-	-	-
Daytona Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gainesville	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-
Greensboro-Winston-Salem-High Point	4.6	5.9	5.6	4.2	4.7	4.4	6.7	5.5	5.6	6.4	4.8	4.5	-	3.0
Oklahoma City	4.4	3.3	-	3.3	3.4	-	-	-	4.9	5.5	4.4	2.6	-	2.3
North Central														
Cincinnati	4.3	3.5	3.3	4.5	4.0	4.5	6.2	3.5	5.1	6.0	4.2	2.1	-	1.5
Cleveland	4.6	4.5	3.7	4.0	2.6	5.2	5.7	4.1	4.0	3.9	4.2	3.4	-	1.6
Green Bay	-	-	-	5.7	4.2	-	-	-	-	5.0	-	-	-	-
Indianapolis	5.4	6.1	7.0	6.1	3.0	-	-	7.0	6.4	4.5	4.9	5.9	-	1.7
Kansas City	4.6	4.2	5.6	4.8	2.5	5.7	3.8	5.6	5.7	5.1	4.2	4.3	-	1.2
South Bend	6.3	6.5	8.0	2.0	2.2	-	-	8.0	1.9	3.1	-	-	-	-
West														
Billings	6.2	-	-	1.2	3.2	-	-	-	-	.1	5.9	-	-	-
Fresno	4.2	-	-	3.8	-	-	-	-	4.0	3.1	-	-	-	-
Portland	4.6	4.7	-	1.9	2.0	-	-	-	1.9	-	3.7	3.4	-	1.7

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices, listed elsewhere in this report.

Albany—Schenectady—Troy,N.Y.
Anaheim—Santa Ana—Garden Grove, Calif.
Atlanta, Ga.

Baltimore, Md.
Billings, Mont.
Boston, Mass.
Buffalo, N.Y.

Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.

Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.

Fresno, Calif.

Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem— High Point, N.C.

Greenville—Spartanburg, S.C

Hartford, Conn.
Houston, Tex.
Huntsville, Ala.

Indianapolis, Ind.

Jackson, Miss.
Jacksonville, Fla.

Kansas City, Mo.—Kans.

Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.

Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.

Nassau—Suffolk, N.Y.
Newark, N.J.
New Orleans, La.
New York, N.Y.—N.J.
Norfolk—Virginia Beach—Portsmouth, Va.—N.C.
Northeast Pennsylvania

Oklahoma City, Okla.

Omaha, Nebr.—Iowa

Paterson—Clifton—Passaic, N.J.
Philadelphia, Pa.—N.J.
Pittsburgh, Pa.
Portland, Me.
Portland, Oreg.—Wash.
Poughkeepsie, N.Y.
Providence—Warwick—Pawtucket, R.I.—Mass.

Richmond, Va.

St. Louis, Mo.—Ill.
Sacramento, Calif.
Saginaw, Mich.
Salt Lake City—Ogden, Utah
San Antonio, Tex.
San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
Seattle—Everett, Wash.
South Bend,Ind.

Toledo, Ohio—Mich.
Trenton, N.J.

Washington, D.C.— Md.—Va.
Wichita, Kans.
Worcester, Mass.

York, Pa.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, Ga.
Albuquerque, N.Mex.
Alexandria-Leesville, La.
Alpena-Standish-Tawas City, Mich.
Ann Arbor, Mich.
Antelope Valley, Calif.
Asheville, N.C.
Atlantic City, N.J.
Augusta, Ga.-S.C.
Austin, Tex.

Bakersfield, Calif.
Baton Rouge, La.
Battle Creek, Mich.
Beaumont-Port Arthur-Orange and
  Lake Charles, Tex.-La.
Biloxi-Gulfport and Pascagoula-
  Moss Point, Miss.
Binghamton, N.Y.
Birmingham, Ala.
Bloomington-Vincennes, Ind.
Bremerton-Shelton, Wash.
Brunswick, Ga.

Cedar Rapids, Iowa
Champaign-Urbana-Rantoul, Ill.
Charleston-North Charleston—
  Walterboro, N.C.
Charlotte-Gastonia, N.C.
Cheyenne, Wyo.
Clarksville-Hopkinsville, Tenn.-Ky.
Colorado Springs, Colo.
Columbia-Sumter, S.C.
Columbus, Ga.
Columbus, Miss.
Connecticut (statewide)

Decatur, Ill.
Des Moines, Iowa
Dothan, Ala.
Duluth-Superior, Minn.-Wis.

El Paso-Alamogordo-Las Cruces,
  Tex.-N. Mex.
Eugene-Springfield-Medford, Oreg.
Fayetteville, N.C.
Fort Lauderdale-Hollywood and
  West Palm Beach-Boca Raton, Fla.
Fort Wayne, Ind.
Frederick-Hagerstown
  Chambersburg, Md.-Pa.

Gadsden and Anniston, Ala.
Goldsboro, N.C.
Grand Island-Hastings, Nebr.
Guam, Territory of

Harrisburg-Lebanon, Pa.

Knoxville, Tenn.

La Crosse-Sparta, Wis.
Laredo, Tex.
Las Vegas-Tonopah, Nev.
Lexington-Fayette, Ky.
Lima, Ohio
Little Rock-North Little Rock, Ark.
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  Harlingen-San Benito, Tex.
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Meridian, Miss.
Middlesex, Monmouth, and Ocean
  Counties, N.J.
Mobile-Pensacola-Panama City, Ala.-Fla.
Montana (statewide)
Montgomery, Ala.

Nashville-Davidson, Tenn.
New Bern-Jacksonville, N.C.
New Hampshire (statewide)
North Dakota (statewide)
Northern New York
Northwest Texas

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Peoria, Ill.
Phoenix, Ariz.
Pine Bluff, Ark.
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Pueblo, Colo.
Puerto Rico

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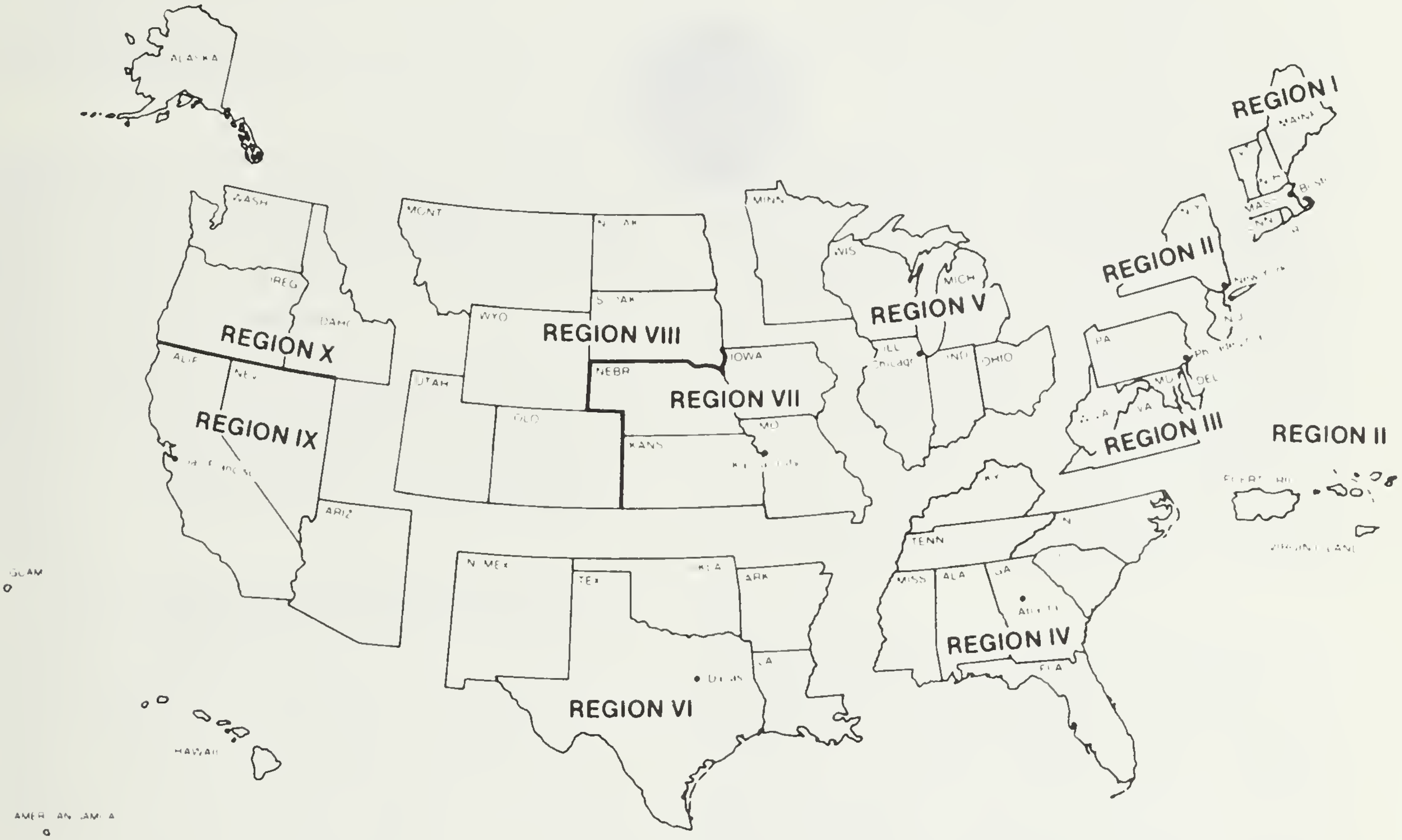

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1984

U.S. Department of Labor
Bureau of Labor Statistics
April 1985

Summary 85-3 (No. 3 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from September through December 1984. Data for another 47 areas have been presented in earlier summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plan provisions; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducts approximately 95 wage surveys a year at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 23 areas, September-December 1984[1]

Occupation and level[2]	Anaheim–Santa Ana–Garden Grove, Calif.[3]	Buffalo, N.Y.[3]	Columbus, Ohio[3]	Dallas–Fort Worth, Tex.	Dayton, Ohio	Denver–Boulder, Colo.	Gary–Hammond–East Chicago, Ind.	Jacksonville, Fla.	Los Angeles–Long Beach, Calif.[3]	Louisville, Ky.–Ind.	Memphis, Tenn.–Ark.–Miss.
	October	October	October	December	December	December	November	December	October	November	November
Secretaries	$375.50	$324.00	$326.50	$361.50	$347.50	$370.00	$404.50	$323.00	$399.50	$349.00	$304.50
Secretaries I	327.50	281.50	268.50	291.00	368.00	305.50	339.50	297.00	360.50	289.50	258.50
Secretaries II	321.00	297.00	303.50	340.50	271.00	338.50	370.00	284.50	368.00	334.50	288.00
Secretaries III	383.50	333.00	317.00	368.00	344.00	368.50	437.50	350.00	407.50	355.00	313.00
Secretaries IV	434.00	357.00	370.50	422.00	340.00	417.00	–	421.00	442.50	425.00	362.50
Secretaries V	497.00	382.50	383.50	465.50	450.00	481.00	–	–	527.00	423.50	–
Stenographers	–	291.00	291.50	399.00	392.00	380.00	430.00	393.00	364.00	–	–
Stenographers I	–	–	285.50	381.50	–	–	–	–	338.00	–	339.00
Stenographers II	–	317.50	–	–	–	393.00	–	–	–	–	–
Transcribing-machine typists	–	–	–	253.50	254.50	–	–	318.00	–	–	216.50
Typists	239.00	227.50	252.50	234.00	280.00	278.50	324.50	206.50	301.50	227.50	229.50
Typists I	228.50	216.50	235.50	228.50	251.50	239.00	337.50	201.50	298.00	219.50	189.50
Typists II	264.50	248.50	270.00	242.00	303.00	309.00	–	219.00	305.50	–	–
Word processors	324.50	271.50	271.50	–	–	–	–	–	326.00	–	–
Word processors I	283.50	267.00	259.00	–	–	–	–	–	303.00	–	–
Word processors II	354.50	–	290.00	–	–	–	–	–	345.50	–	–
File clerks	219.00	181.50	181.00	202.50	227.00	231.00	–	200.00	246.50	190.00	244.00
File clerks I	214.00	170.50	165.50	196.50	206.50	202.00	–	195.00	234.50	186.50	217.50
File clerks II	–	–	202.50	223.00	245.00	255.00	–	–	280.00	–	–
File clerks III	–	–	–	–	–	271.00	–	–	307.50	–	–
Messengers	253.00	205.50	206.50	202.00	226.00	219.50	–	–	263.00	207.00	197.00
Receptionists	248.50	–	–	240.00	–	245.50	–	215.50	295.50	242.50	–
Switchboard operators	252.50	230.00	239.00	252.50	233.50	226.50	302.00	215.50	266.00	198.00	215.00
Switchboard operator-receptionists	248.00	215.00	230.00	251.00	229.50	250.00	226.50	215.00	267.50	234.00	209.00
Order clerks	296.00	271.00	282.00	283.00	286.00	302.50	368.00	256.00	325.00	293.00	298.50
Order clerks I	272.00	246.00	252.00	256.00	243.50	232.00	–	230.50	280.50	–	261.50
Order clerks II	356.50	321.50	305.00	331.50	324.00	400.50	–	–	377.50	327.00	358.00
Accounting clerks	302.50	243.00	254.50	282.00	262.50	295.50	395.00	274.50	315.50	280.50	246.50
Accounting clerks I	254.00	174.00	218.00	242.50	211.50	238.00	410.00	198.50	242.50	222.50	206.00
Accounting clerks II	291.00	232.50	245.50	266.50	255.00	269.00	383.50	270.00	301.50	238.50	247.50
Accounting clerks III	341.50	253.50	271.00	314.50	269.00	312.00	363.50	283.00	355.00	336.50	274.50
Accounting clerks IV	401.50	327.50	351.50	406.00	365.00	353.50	–	–	393.00	417.00	–
Payroll clerks	303.50	264.00	282.00	315.00	284.50	296.50	365.50	292.00	334.50	291.50	269.00
Key entry operators	273.00	256.50	247.00	264.00	251.50	291.00	349.00	272.00	298.00	228.50	246.50
Key entry operators I	250.00	225.00	229.50	251.50	232.50	264.50	350.50	262.00	292.00	223.50	241.50
Key entry operators II	308.50	298.00	263.50	299.00	287.00	321.50	345.50	304.00	306.50	263.00	289.50

See footnotes at end of table.

Table 1. Continued—Average earnings for selected office occupations in 23 areas, September-December 1984[1]

Occupation and level[2]	Miami, Fla.[3]	New Orleans, La.[3]	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Me.[3]	Poughkeepsie, N.Y.	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah[3]	San Diego, Calif.	Seattle-Everett, Wash.	Trenton, N.J.[3]
	October	October	October	November	December	September	December	November	November	December	December	November
Secretaries	$327.50	$339.00	$310.50	$353.00	$292.00	-	$375.50	$439.50	$337.00	$353.50	$403.50	$344.00
Secretaries I	305.00	298.50	284.00	288.00	236.00	-	316.50	390.00	258.00	279.50	324.00	306.00
Secretaries II	287.00	321.00	281.00	337.00	290.00	-	340.00	-	311.00	354.00	329.50	309.50
Secretaries III	339.50	343.00	285.50	336.50	313.00	-	374.00	435.00	337.00	357.00	403.00	353.50
Secretaries IV	383.00	396.00	386.00	402.00	338.00	-	397.50	-	411.00	418.00	428.00	398.50
Secretaries V	437.00	-	477.50	434.50	-	-	443.00	-	446.50	447.50	480.00	446.00
Stenographers	-	335.00	-	347.50	-	-	-	-	-	314.00	-	324.50
Stenographers I	-	328.00	-	333.50	-	-	-	-	334.00	-	-	-
Stenographers II	-	-	-	378.00	-	-	-	-	-	-	-	-
Transcribing-machine typists	-	-	-	233.00	-	-	-	-	-	-	-	-
Typists	246.50	228.50	226.00	247.00	188.50	-	244.50	263.50	228.00	259.00	321.50	233.50
Typists I	233.50	210.00	185.50	216.50	-	-	231.50	-	222.50	220.50	270.00	237.50
Typists II	291.00	284.00	264.00	279.50	-	-	260.50	-	240.00	279.00	-	231.00
Word processors	294.00	274.50	-	-	237.50	-	-	-	262.50	-	-	281.50
Word processors I	264.50	252.00	-	-	231.50	-	-	-	238.00	-	-	272.50
Word processors II	318.50	288.50	-	-	-	-	-	-	302.50	-	-	-
File clerks	199.50	190.00	209.00	193.00	173.50	-	174.00	177.50	210.50	216.00	211.50	197.50
File clerks I	192.50	179.50	-	188.00	169.00	-	-	177.00	192.00	197.00	199.50	-
File clerks II	212.00	230.00	239.00	184.00	188.50	-	221.00	-	-	256.00	233.50	-
File clerks III	-	-	-	231.50	-	-	-	-	-	-	-	-
Messengers	223.50	215.00	186.00	239.00	198.00	-	-	-	208.50	234.50	252.00	208.50
Receptionists	227.50	-	-	220.00	-	-	-	-	229.00	230.50	271.00	266.50
Switchboard operators	208.50	199.50	254.50	262.50	237.50	$340.50	261.00	-	217.50	231.00	308.00	237.50
Switchboard operator-receptionists	229.50	229.00	223.00	234.50	219.50	-	225.00	230.50	221.00	230.00	261.50	242.00
Order clerks	265.50	256.50	271.50	267.00	230.00	-	307.50	292.00	270.50	302.50	298.50	307.50
Order clerks I	257.00	212.50	240.50	230.50	230.00	-	286.50	275.00	242.00	258.50	-	285.50
Order clerks II	286.00	-	-	311.00	-	-	-	-	314.50	357.00	347.50	338.50
Accounting clerks	283.50	270.50	280.50	263.50	252.00	235.00	305.50	293.50	267.50	277.50	314.00	275.50
Accounting clerks I	227.00	211.00	222.50	230.00	189.00	-	256.00	248.50	235.50	226.50	237.50	-
Accounting clerks II	256.50	266.50	271.00	262.00	261.50	198.00	329.00	266.50	234.50	256.50	277.50	243.00
Accounting clerks III	304.50	316.00	276.00	297.00	273.00	-	283.50	371.50	303.00	305.50	334.50	328.00
Accounting clerks IV	351.00	-	331.50	329.50	-	301.50	333.50	-	367.50	386.50	391.50	-
Payroll clerks	302.50	293.00	287.50	285.50	277.00	-	302.00	380.50	303.50	283.50	338.00	282.50
Key entry operators	258.00	247.50	237.00	255.50	243.00	286.00	276.00	367.50	250.00	256.50	295.00	258.00
Key entry operators I	247.50	233.50	220.00	234.00	220.50	-	268.00	327.00	235.00	243.50	267.00	247.00
Key entry operators II	289.50	285.00	304.50	288.00	285.50	-	281.50	-	283.50	287.50	364.00	271.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] A revised description for secretaries was introduced in this area in 1984. Earnings for the overall secretary classification are comparable with earlier estimates; however, earnings for individual levels are not comparable. This completes the 3-year transition to the new description, that was introduced into one-third of the areas each year.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 23 areas, September-December 1984[1]

Occupation and level[2]	Anaheim–Santa Ana–Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas–Fort Worth, Tex.	Dayton, Ohio	Denver–Boulder, Colo.	Gary–Hammond–East Chicago, Ind.	Jacksonville, Fla.	Los Angeles–Long Beach, Calif.	Louisville, Ky.–Ind.	Memphis, Tenn.–Ark.–Miss.
	October	October	October	December	December	December	November	December	October	November	November
Computer systems analysts (business)	$585.00	$546.50	$597.00	$639.50	$594.00	$614.00	$610.50	$572.50	$625.50	$615.50	$561.00
Computer systems analysts (business) I	487.50	-	486.50	-	457.50	474.00	-	456.00	502.50	486.00	467.50
Computer systems analysts (business) II	588.50	525.50	622.50	626.50	552.00	594.00	-	561.00	616.00	599.50	568.50
Computer systems analysts (business) III	667.00	602.50	683.50	727.50	638.50	695.00	-	674.50	706.50	736.50	631.50
Computer programmers (business)	509.00	431.00	429.50	477.00	481.50	519.00	546.50	461.00	508.50	465.00	393.50
Computer programmers (business) I	398.00	378.00	360.00	381.50	382.50	376.50	480.00	357.50	401.00	362.00	340.00
Computer programmers (business) II	498.00	389.00	454.50	491.50	466.50	498.50	575.50	452.50	502.00	477.00	396.50
Computer programmers (business) III	640.00	494.50	499.00	600.50	545.00	613.00	-	550.50	575.00	527.00	467.50
Computer operators	356.00	344.00	325.00	335.00	331.00	387.00	419.00	298.00	376.50	321.00	313.00
Computer operators I	336.00	-	257.00	277.50	281.50	259.50	426.00	284.00	331.50	272.00	276.00
Computer operators II	352.00	325.00	325.00	351.50	316.00	367.00	399.50	352.00	382.00	377.50	331.50
Computer operators III	413.00	453.00	401.50	427.50	397.00	479.50	-	-	425.00	437.00	-
Peripheral equipment operators	-	-	-	246.50	-	356.50	-	-	-	-	-
Computer data librarians	285.50	-	281.00	288.50	-	306.50	-	265.50	298.50	-	-
Drafters	431.50	391.50	372.00	403.00	408.00	399.50	414.50	293.50	424.00	476.50	345.00
Drafters I	-	-	-	246.50	198.00	-	-	-	-	-	-
Drafters II	295.50	296.50	327.50	296.50	268.50	306.50	-	306.50	284.50	333.00	320.50
Drafters III	395.00	332.00	345.50	352.50	331.00	383.00	411.50	310.00	369.50	377.00	349.50
Drafters IV	520.00	420.00	388.00	432.50	398.50	441.50	494.00	381.00	453.50	477.50	387.50
Drafters V	561.00	487.50	423.50	527.50	531.50	523.50	-	-	541.50	619.50	-
Electronics technicians	511.00	429.00	433.00	469.00	418.50	465.50	563.00	535.50	509.50	449.00	406.50
Electronics technicians I	411.00	-	-	352.00	326.50	314.00	-	-	385.50	-	-
Electronics technicians II	518.50	-	417.50	465.50	387.00	482.50	549.50	535.50	536.00	419.00	477.00
Electronics technicians III	522.50	-	463.50	527.50	469.00	538.50	-	-	509.50	497.50	-
Registered industrial nurses	478.50	461.50	431.00	478.50	509.50	486.50	451.00	-	508.50	486.50	-

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 23 areas, September-December 1984[1]

Occupation and level[2]	Miami, Fla.	New Orleans, La.	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Me.	Poughkeepsie, N.Y.	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.	Seattle-Everett, Wash.	Trenton, N.J.
	October	October	October	November	December	September	December	November	November	December	December	November
Computer systems analysts (business)	$584.50	$574.50	$607.50	$594.00	$553.00	–	$592.50	–	$635.00	$605.00	$588.00	$596.50
Computer systems analysts (business) I	–	–	–	452.00	–	–	–	–	549.00	547.00	487.50	457.50
Computer systems analysts (business) II	582.00	563.00	598.50	554.50	551.50	–	569.50	–	612.50	631.00	553.00	587.00
Computer systems analysts (business) III	637.00	–	708.50	683.50	607.00	–	627.50	–	699.00	735.00	690.00	680.50
Computer programmers (business)	515.00	486.00	480.00	480.00	420.00	–	455.00	$451.00	467.50	471.00	451.50	417.00
Computer programmers (business) I	432.50	366.50	–	397.00	337.50	–	–	–	387.50	404.00	370.00	–
Computer programmers (business) II	500.00	482.00	484.50	472.50	428.00	–	449.50	432.50	466.50	480.50	452.50	386.50
Computer programmers (business) III	587.00	606.00	576.00	563.00	–	–	–	–	611.50	564.00	–	544.00
Computer operators	340.50	315.00	329.00	334.00	303.00	–	327.50	379.50	376.50	347.50	400.50	347.00
Computer operators I	308.50	296.00	316.00	267.50	230.00	–	–	–	267.00	293.00	391.50	258.00
Computer operators II	348.50	321.50	317.00	335.50	331.00	–	386.50	327.00	339.50	338.50	375.50	345.50
Computer operators III	457.00	–	366.50	394.00	406.50	–	–	–	486.00	409.00	466.50	409.00
Peripheral equipment operators	–	–	–	243.00	–	–	–	–	–	268.50	–	–
Computer data librarians	–	–	–	297.00	–	–	–	–	–	–	328.50	–
Drafters	363.00	398.00	428.50	397.00	358.50	$417.00	451.50	567.00	428.00	387.00	–	456.00
Drafters I	–	–	–	–	–	–	–	–	–	–	–	–
Drafters II	317.50	332.00	–	299.50	–	–	–	–	267.50	–	307.00	–
Drafters III	356.50	351.00	360.50	347.50	–	406.00	–	–	367.50	345.50	366.50	351.50
Drafters IV	433.00	449.00	425.50	422.00	–	–	–	–	435.50	452.00	–	395.50
Drafters V	–	–	488.50	520.00	–	–	503.50	–	558.00	499.50	–	553.00
Electronics technicians	468.00	508.50	433.00	488.00	–	–	–	–	388.50	443.00	543.50	475.50
Electronics technicians I	–	–	–	–	–	–	–	–	309.50	325.00	–	–
Electronics technicians II	518.50	495.00	–	494.50	375.00	–	–	–	372.50	465.00	–	467.00
Electronics technicians III	449.00	528.50	–	496.00	–	–	–	–	488.00	447.50	–	563.00
Registered industrial nurses	–	–	–	450.00	–	–	–	–	–	480.50	–	–

[1] See footnote 1, table 1.
[2] See footnote 2, table 1.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, September-December 1984[1]

Occupation	Anaheim–Santa Ana–Garden Grove, Calif.	Buffalo, N.Y.	Columbus, Ohio	Dallas–Fort Worth, Tex.	Dayton, Ohio	Denver–Boulder, Colo.	Gary–Hammond–East Chicago, Ind.	Jacksonville, Fla.	Los Angeles–Long Beach, Calif.	Louisville, Ky.–Ind.	Memphis, Tenn.–Ark.–Miss.
	October	October	October	December	December	December	November	December	October	November	November
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$11.97	$11.53	$11.64	$11.05	$14.41	$12.19	$13.08	-	$13.28	$11.96	$11.38
Maintenance electricians	13.12	13.35	12.99	12.91	14.27	13.33	13.53	$12.15	13.48	13.58	12.90
Maintenance painters	11.62	12.33	-	11.74	13.84	-	-	-	12.69	12.31	-
Maintenance machinists	11.17	12.12	11.99	12.38	11.35	13.12	12.91	12.29	-	13.02	11.74
Maintenance mechanics (machinery)	11.16	13.15	11.68	12.00	13.55	12.19	13.70	10.92	12.58	13.94	12.03
Maintenance pipefitters	-	13.66	13.23	-	15.00	-	13.33	-	-	13.45	13.95
Millwrights	-	13.69	13.53	11.16	14.84	-	-	-	-	13.09	-
Motor vehicle mechanics	13.17	11.73	12.60	11.97	11.26	11.83	13.24	10.73	13.48	11.01	11.72
Maintenance workers (general)	8.57	8.25	8.06	7.57	7.73	8.49	8.91	6.81	9.22	6.81	7.94
Maintenance trades helpers	7.20	8.38	-	-	-	7.87	11.41	-	9.23	-	8.01
Machine-tool operators (toolroom)	13.91	14.24	13.50	12.12	14.94	12.63	-	-	-	-	-
Tool and die makers	12.45	13.82	14.01	13.84	14.59	13.77	13.03	-	14.45	-	12.07
Stationary engineers	12.91	12.83	11.55	12.20	14.31	13.55	11.99	13.85	14.56	12.14	12.77
Material movement and custodial											
Truckdrivers[2]	10.61	11.25	10.82	9.65	10.08	10.02	12.49	9.32	10.42	10.39	8.24
Truckdrivers, light truck	5.75	7.65	6.58	5.44	9.35	6.01	-	5.25	5.74	7.79	4.61
Truckdrivers, medium truck	10.67	12.09	10.71	9.87	7.74	10.27	12.66	9.66	10.15	11.67	7.22
Truckdrivers, heavy truck	9.99	11.86	11.01	-	10.22	10.69	-	-	10.13	8.80	-
Truckdrivers, tractor-trailer	12.37	11.22	11.46	10.74	11.09	10.85	11.93	11.06	12.00	11.64	9.33
Shippers	7.85	8.11	8.30	7.82	5.29	9.24	-	10.21	8.69	8.67	9.19
Receivers	8.57	8.72	9.56	8.44	6.68	7.69	9.08	7.26	8.63	10.39	8.40
Shippers and receivers	7.07	8.59	7.53	7.79	8.84	8.33	-	5.84	7.96	8.33	7.66
Warehousemen	8.09	10.57	8.30	8.87	8.54	10.36	10.99	7.77	7.69	9.17	9.90
Order fillers	11.01	8.44	7.32	7.37	-	9.72	-	6.91	6.64	8.14	5.56
Shipping packers	6.40	11.58	8.98	5.76	10.36	-	11.93	6.39	5.15	7.65	4.92
Material handling laborers	9.16	10.12	9.71	8.23	8.09	9.14	-	7.67	8.39	8.67	6.88
Forklift operators	10.15	11.21	8.93	9.34	11.16	11.40	11.68	8.39	9.51	10.26	8.52
Power-truck operators (other than forklift)	-	-	-	-	-	-	-	-	-	11.79	-
Guards	5.46	4.71	4.69	5.39	6.59	5.06	8.93	3.91	5.67	4.96	4.40
Guards I	4.70	4.62	4.40	5.19	6.36	4.09	8.01	3.84	5.18	4.63	4.30
Guards II	9.89	6.35	-	10.92	-	7.04	9.36	-	10.94	-	-
Janitors, porters, and cleaners	5.29	5.09	4.78	4.70	6.96	4.92	6.02	3.86	6.43	5.81	4.06

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, September-December 1984[1]

Occupation	Miami, Fla.	New Orleans, La.	Omaha, Nebr.-Iowa	Philadelphia, Pa.-N.J.	Portland, Me.	Poughkeepsie, N.Y.	Sacramento, Calif.	Saginaw, Mich.	Salt Lake City-Ogden, Utah	San Diego, Calif.	Seattle-Everett, Wash.	Trenton, N.J.
	October	October	October	November	December	September	December	November	November	December	December	November
Maintenance, toolroom, and powerplant												
Maintenance carpenters	-	$10.81	$10.73	$13.78	-	-	-	-	$12.17	$12.85	$13.89	$10.79
Maintenance electricians	$10.48	12.76	12.14	12.81	-	$11.20	$13.77	-	12.90	14.16	14.39	12.26
Maintenance painters	6.23	-	-	11.96	-	-	11.01	-	11.44	12.50	-	11.56
Maintenance machinists	-	13.78	12.84	12.80	$11.28	-	14.22	-	12.12	13.56	-	10.25
Maintenance mechanics (machinery)	10.64	12.65	10.66	11.48	10.62	-	12.61	-	11.15	12.86	13.76	11.63
Maintenance pipefitters	-	13.31	-	12.96	-	-	-	-	13.55	-	-	12.60
Millwrights	-	-	-	12.16	-	-	-	-	-	-	-	-
Motor vehicle mechanics	10.74	11.13	11.17	12.00	11.17	-	13.68	-	11.53	14.51	14.28	10.25
Maintenance workers (general)	6.47	6.53	6.89	8.94	7.20	6.66	6.72	$8.79	7.95	7.59	10.30	9.06
Maintenance trades helpers	6.90	9.10	-	10.08	-	-	-	-	8.43	-	-	-
Machine-tool operators (toolroom)	8.83	-	-	11.57	-	-	-	-	-	12.88	-	-
Tool and die makers	10.54	-	-	12.61	11.54	-	-	-	12.74	13.30	-	-
Stationary engineers	-	11.86	10.44	12.31	-	-	14.20	-	12.69	-	14.17	11.26
Material movement and custodial												
Truckdrivers[2]	8.37	8.32	9.76	11.11	8.95	-	12.21	11.26	9.57	11.98	13.26	9.97
Truckdrivers, light truck	-	4.98	4.91	6.54	5.44	-	6.29	-	6.65	5.40	6.62	6.97
Truckdrivers, medium truck	8.31	7.91	8.03	8.38	6.47	-	13.31	-	9.38	12.50	13.44	11.05
Truckdrivers, heavy truck	8.43	-	9.51	10.79	-	-	-	-	10.59	12.46	15.28	-
Truckdrivers, tractor-trailer	9.68	9.86	10.87	12.51	9.80	-	13.84	-	10.86	12.10	13.39	9.29
Shippers	7.14	6.67	7.96	9.05	7.01	-	12.27	-	6.99	8.92	-	7.85
Receivers	6.18	6.69	6.57	8.95	6.98	-	12.29	9.48	7.81	9.41	8.70	7.84
Shippers and receivers	7.03	7.39	7.04	9.17	6.93	-	-	-	7.40	6.84	11.59	-
Warehousemen	10.78	8.26	8.85	8.99	-	-	11.69	-	7.18	9.29	10.94	9.70
Order fillers	7.71	5.90	7.71	9.17	4.65	-	-	-	7.99	-	10.15	-
Shipping packers	5.66	4.36	7.13	7.22	5.70	-	-	-	5.25	-	10.84	-
Material handling laborers	5.60	6.15	9.47	9.45	6.21	-	9.78	-	10.09	8.07	11.01	7.31
Forklift operators	6.38	7.89	9.21	9.85	7.76	-	10.62	-	9.81	10.43	11.81	9.88
Power-truck operators (other than forklift)	-	-	-	-	-	-	-	-	-	-	-	-
Guards	4.57	4.31	3.96	4.27	4.68	-	5.58	8.68	4.53	4.95	5.00	-
Guards I	4.30	4.29	3.85	4.14	4.68	-	-	-	4.20	4.46	4.84	-
Guards II	-	-	-	8.59	-	-	-	-	-	-	9.13	-
Janitors, porters, and cleaners	4.20	3.82	4.81	6.42	6.07	5.91	6.74	-	4.40	5.00	7.11	-

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Buffalo	5.0	6.1	4.6	5.4	4.4	3.9	6.0	4.5	5.5	6.0	6.2	-	-	2.6
Philadelphia	4.9	5.3	4.5	4.2	2.7	4.3	5.1	4.6	4.0	3.8	5.3	5.3	-	2.0
Portland	4.2	3.1	-	4.1	5.0	-	-	-	4.1	5.1	3.6	-	-	4.8
Poughkeepsie	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trenton	6.2	6.2	-	5.9	2.7	-	-	-	-	5.0	-	-	-	-
South														
Dallas-Fort Worth	5.8	6.4	4.3	4.8	3.1	5.0	5.5	3.9	5.1	4.5	6.1	6.8	-	2.5
Jacksonville	4.9	5.8	-	4.2	1.9	-	-	-	4.7	3.9	4.8	5.9	-	1.7
Louisville	4.2	5.0	7.1	3.9	3.7	-	-	7.0	4.6	5.1	3.8	5.5	-	1.3
Memphis	5.2	5.2	-	4.2	3.7	-	-	-	5.1	6.0	5.2	5.5	-	3.3
Miami	4.6	4.6	-	2.8	2.9	-	-	-	4.0	3.7	4.5	4.7	-	2.8
New Orleans	5.4	4.7	-	3.6	2.0	-	-	-	4.1	8.2	5.6	4.6	-	1.1
North Central														
Columbus	5.8	6.3	6.2	4.2	1.4	5.6	-	-	4.7	4.6	5.9	4.6	-	.2
Dayton	5.6	6.4	7.3	6.2	3.9	6.3	5.8	7.3	6.4	4.6	4.6	7.1	-	-
Gary-Hammond-East Chicago	-	4.8	4.6	3.5	-	-	-	4.6	3.4	-	-	-	-	-
Omaha	3.9	4.2	-	3.1	2.3	-	-	-	3.3	3.0	4.0	4.0	-	2.0
Saginaw	-	-	-	-	5.0	-	-	-	-	-	-	-	-	-
West														
Anaheim-Santa Ana-Garden Grove	5.1	2.6	5.1	4.0	1.9	3.7	2.8	4.7	3.9	1.4	6.6	-	-	-
Denver-Boulder	4.7	4.9	5.4	3.2	2.0	5.1	5.1	5.5	4.5	3.0	4.6	4.8	-	1.8
Los Angeles-Long Beach	5.7	4.7	4.7	5.6	1.4	6.0	3.4	5.7	5.7	3.4	5.6	5.4	-	.8
Sacramento	4.2	-	-	2.6	-	-	-	-	2.8	1.9	3.9	-	-	-
Salt Lake City-Ogden	5.5	4.4	-	3.0	1.8	4.9	4.2	-	4.5	2.5	5.7	4.5	-	1.6
San Diego	4.5	4.9	6.6	3.9	1.6	4.0	4.5	6.8	3.3	-	4.8	5.0	-	1.3
Seattle-Everett	4.1	2.8	-	2.5	2.4	-	-	-	2.2	-	4.9	1.9	-	2.8

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from the Bureau of Labor Statistics' regional offices, listed elsewhere in this report.

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Atlanta, Ga.

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Billings, Mont.
Boston, Mass.
Buffalo, N.Y.

Chattanooga, Tenn.—Ga.
Chicago, Ill.
Cincinnati, Ohio—Ky.—Ind.
Cleveland, Ohio
Columbus, Ohio
Corpus Christi, Tex.

Dallas—Fort Worth, Tex.
Davenport—Rock Island—Moline, Iowa—Ill.
Dayton, Ohio
Daytona Beach, Fla.
Denver—Boulder, Colo.
Detroit, Mich.

Fresno, Calif.

Gainesville, Fla.
Gary—Hammond—East Chicago, Ind.
Green Bay, Wis.
Greensboro—Winston-Salem— High Point, N.C.

Greenville—Spartanburg, S.C

Hartford, Conn.
Houston, Tex.
Huntsville, Ala.

Indianapolis, Ind.

Jackson, Miss.
Jacksonville, Fla.

Kansas City, Mo.—Kans.

Los Angeles—Long Beach, Calif.
Louisville, Ky.—Ind.

Memphis, Tenn.—Ark.—Miss.
Miami, Fla.
Milwaukee, Wis.
Minneapolis—St. Paul, Minn.—Wis.

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New Orleans, La.
New York, N.Y.—N.J.
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Omaha, Nebr.—Iowa

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San Diego, Calif.
San Francisco—Oakland, Calif.
San Jose, Calif.
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South Bend,Ind.

Toledo, Ohio—Mich.
Trenton, N.J.

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Wichita, Kans.
Worcester, Mass.

York, Pa.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

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Albany, Ga.
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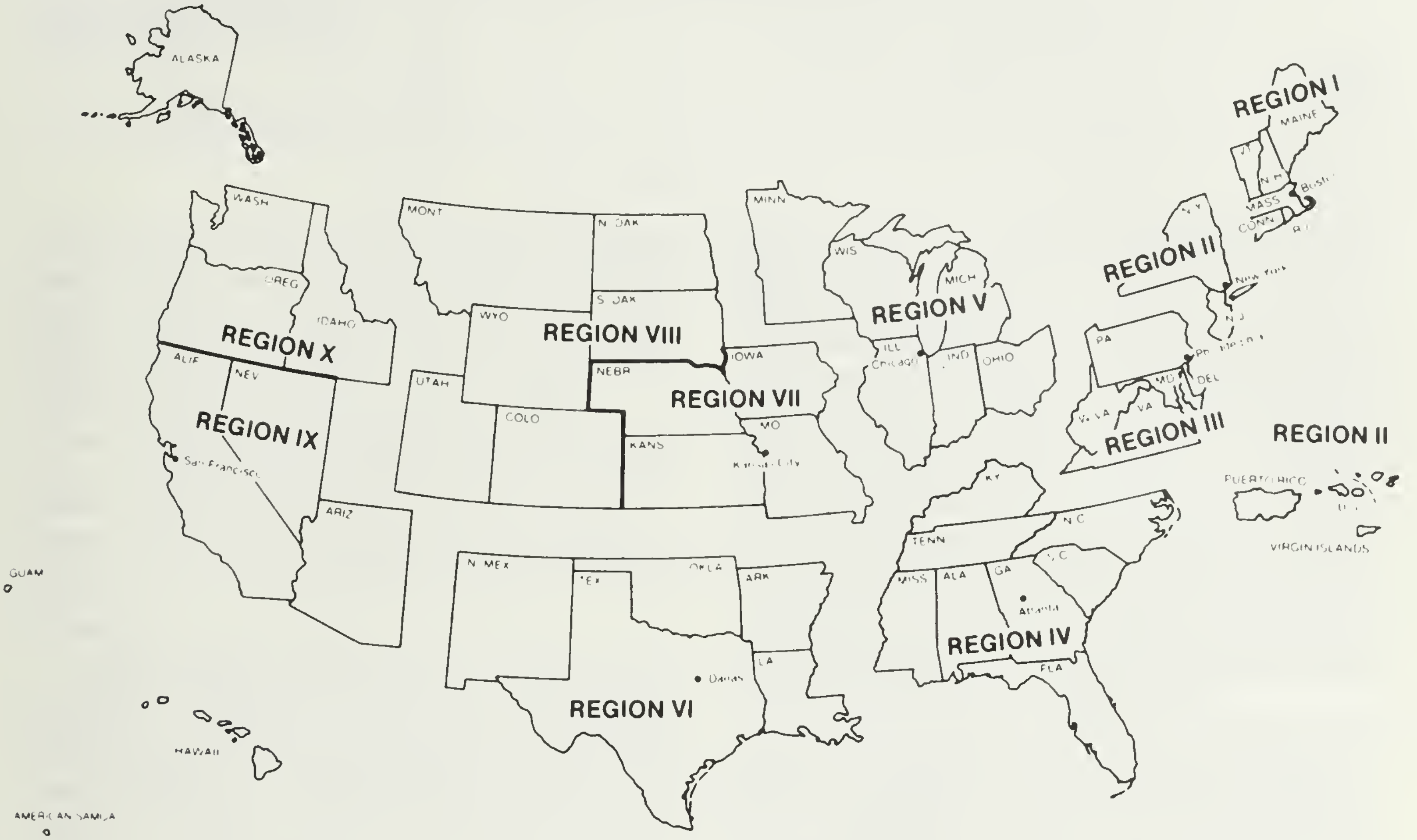

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L 2.86: 85-10

Occupational Earnings and Wage Trends in Metropolitan Areas, 1985

U.S. Department of Labor
Bureau of Labor Statistics
August 1985

L 2.86:

Summary 85-10 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 24 areas surveyed from January through June 1985. Data for the remaining 46 areas surveyed in 1985 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau will conduct 92 wage surveys in 1985 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 24 areas, January-June 1985[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Fresno, CA	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ
	May	March	February	April	June	June	May	February	January	May	January	January
Secretaries	$377.00	$375.00	$446.50	$451.50	$325.50	$311.50	$406.50	$335.00	$302.00	$351.50	$340.00	$384.00
Secretaries I	302.00	328.50	252.00	420.50	253.00	281.00	329.50	292.50	260.00	327.50	-	339.00
Secretaries II	323.50	337.50	346.50	353.50	312.00	301.50	381.50	315.00	-	335.00	312.00	360.50
Secretaries III	397.50	371.50	468.50	454.00	335.00	319.50	418.00	380.00	330.00	337.50	329.00	381.50
Secretaries IV	417.00	415.50	461.50	436.00	352.50	382.00	475.00	364.00	428.00	412.50	364.50	420.50
Secretaries V	473.50	467.50	-	578.50	-	-	532.00	-	-	459.50	426.50	470.00
Stenographers	-	382.00	456.00	413.00	-	-	351.50	-	-	368.50	368.00	363.00
Stenographers I	338.00	381.50	457.50	349.00	-	-	351.50	-	-	295.50	377.00	372.50
Stenographers II	-	347.50	-	454.00	-	-	-	-	-	380.50	-	353.00
Transcribing-machine typists	-	263.50	-	-	-	-	281.00	-	-	-	-	319.50
Typists	261.50	251.50	389.00	272.00	213.50	243.50	275.00	244.00	228.50	282.50	270.00	254.00
Typists I	257.50	239.00	303.00	235.00	201.00	-	265.00	225.50	229.00	254.50	261.50	232.00
Typists II	287.50	276.00	420.00	355.00	-	-	314.00	-	-	308.50	295.00	293.00
Word processors	299.50	-	-	323.00	-	272.00	-	-	233.50	306.00	301.50	-
Word processors I	282.00	-	-	277.50	-	267.50	-	-	231.50	266.50	279.50	-
Word processors II	328.00	-	-	385.50	-	277.50	-	-	-	329.50	319.50	-
File clerks	227.00	222.00	258.00	212.00	209.50	178.00	242.00	178.00	200.00	230.50	207.00	217.50
File clerks I	202.50	207.00	-	190.00	167.00	-	227.00	172.00	191.50	218.50	191.00	188.50
File clerks II	276.50	228.00	281.50	-	-	-	274.00	-	-	225.00	216.00	237.00
File clerks III	-	264.50	-	-	-	-	-	-	-	264.00	-	-
Messengers	229.50	242.00	419.50	270.00	-	-	233.50	-	181.50	232.00	214.50	290.00
Receptionists	271.00	272.00	-	302.00	-	-	275.00	-	-	225.00	241.00	317.00
Switchboard operators	257.50	254.50	-	286.50	264.00	235.50	249.50	203.00	230.50	250.50	261.50	282.00
Switchboard operator-receptionists	240.50	267.00	246.00	263.50	240.00	241.50	264.50	237.50	227.00	237.00	251.50	264.00
Order clerks	294.00	305.50	285.00	338.50	323.50	297.00	327.50	282.50	250.50	262.50	292.00	306.50
Order clerks I	265.50	266.50	-	260.00	319.50	242.50	256.50	242.50	247.00	256.50	263.00	245.00
Order clerks II	316.50	356.00	-	464.00	-	339.50	-	-	-	271.50	359.00	361.50
Accounting clerks	292.00	303.50	374.50	317.00	280.00	255.50	321.00	254.00	260.00	287.00	290.00	317.00
Accounting clerks I	237.50	253.50	208.50	246.00	-	232.50	278.00	-	218.50	234.00	231.50	240.50
Accounting clerks II	271.50	283.00	316.00	280.00	274.50	245.00	296.00	231.50	244.50	270.00	256.00	292.50
Accounting clerks III	309.50	331.50	431.50	331.50	290.00	284.50	354.50	274.00	329.00	311.50	308.00	335.00
Accounting clerks IV	399.00	392.00	440.00	505.50	-	-	394.50	-	340.00	379.00	383.50	378.50
Payroll clerks	293.00	325.50	382.50	345.00	293.50	262.50	352.50	252.50	285.50	309.50	311.00	321.00
Key entry operators	260.50	287.50	354.50	286.00	264.00	231.50	304.50	267.00	257.50	301.50	272.50	283.00
Key entry operators I	250.00	280.50	237.00	255.00	264.00	230.00	293.00	273.50	252.00	289.00	255.50	255.00
Key entry operators II	332.00	300.50	421.00	360.50	264.50	-	331.50	-	280.50	309.50	290.50	329.50

See footnotes at end of table.

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Table 1. Continued—Average earnings for selected office occupations in 24 areas, January-June 1985[1]

Occupation and level[2]	Norfolk-Virginia Beach-Portsmouth, VA-NC	Pittsburgh, PA	Portland, OR-WA	Richmond, VA	St. Louis, MO-IL	San Antonio, TX	San Francisco-Oakland, CA	San Jose, CA	Washington, DC-MD-VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	May	March	March	March	April	March	January
Secretaries	$288.00	$360.00	$368.50	$335.00	$350.00	$310.50	$402.00	$422.50	$372.50	$390.50	$335.00	$308.00
Secretaries I	251.50	333.50	-	297.50	301.00	250.50	323.00	336.50	305.50	-	264.00	252.50
Secretaries II	266.00	300.50	310.50	268.50	298.00	362.50	361.50	379.00	346.50	314.00	304.00	266.50
Secretaries III	308.00	370.50	342.50	337.00	347.50	316.00	384.00	408.50	366.00	391.50	343.50	348.50
Secretaries IV	289.50	398.00	405.00	374.00	398.50	378.50	433.50	453.50	413.00	448.50	390.50	346.50
Secretaries V	376.50	459.00	443.00	447.50	472.00	427.00	494.00	516.00	467.50	478.00	439.00	-
Stenographers	-	344.50	-	312.50	324.50	-	-	-	408.50	382.00	-	311.50
Stenographers I	-	356.00	-	310.00	292.00	-	380.00	-	-	-	-	-
Stenographers II	-	311.50	-	-	359.50	-	-	-	-	-	-	304.00
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-	-
Typists	230.50	264.50	272.50	213.50	246.50	-	268.50	-	268.00	267.50	207.50	276.00
Typists I	226.50	249.00	-	212.00	226.50	-	244.00	322.50	258.50	243.50	193.50	261.00
Typists II	-	289.00	-	-	279.50	-	312.00	-	292.50	-	-	-
Word processors	233.00	306.00	-	-	277.00	-	358.50	384.00	324.00	-	-	295.00
Word processors I	228.50	283.50	-	-	259.00	-	348.00	351.00	291.50	-	-	-
Word processors II	240.50	349.00	-	-	300.50	-	374.50	404.00	346.50	-	-	-
File clerks	189.50	226.50	223.50	194.00	197.50	188.00	251.00	218.50	229.50	259.00	186.50	208.50
File clerks I	184.00	191.00	203.50	181.50	178.50	182.00	213.50	198.50	219.50	-	174.00	188.50
File clerks II	-	-	-	-	220.00	205.00	274.50	-	246.50	248.00	218.00	-
File clerks III	-	-	-	-	-	-	323.00	-	-	-	-	-
Messengers	-	240.50	-	220.50	231.00	178.00	274.50	-	238.00	-	207.00	-
Receptionists	198.50	238.00	234.00	246.00	265.50	207.00	277.00	281.50	256.00	-	242.50	-
Switchboard operators	210.00	250.00	253.50	229.00	257.00	211.50	295.50	270.50	232.50	281.50	259.00	-
Switchboard operator-receptionists	208.50	251.00	267.50	226.50	231.00	217.00	289.00	287.00	254.50	223.50	250.00	227.00
Order clerks	212.50	291.00	310.50	337.50	267.00	226.00	330.00	372.50	322.00	258.50	269.50	268.00
Order clerks I	211.00	218.50	301.00	345.00	239.00	220.50	303.00	321.00	281.50	228.50	244.00	219.00
Order clerks II	-	376.00	324.50	328.00	291.00	-	413.50	385.00	-	-	317.00	314.00
Accounting clerks	243.50	289.00	308.50	278.00	297.50	274.00	353.50	331.50	290.00	313.50	279.00	244.00
Accounting clerks I	207.50	228.00	-	250.50	212.00	-	337.50	252.00	240.50	225.00	198.00	200.00
Accounting clerks II	235.50	282.00	287.00	256.00	268.00	241.50	325.50	303.00	274.50	270.00	251.50	253.00
Accounting clerks III	271.00	324.50	330.50	310.00	337.00	280.00	366.50	357.50	304.00	338.00	314.50	306.00
Accounting clerks IV	329.00	422.50	367.50	426.50	426.00	360.00	430.00	407.50	364.50	421.00	372.00	-
Payroll clerks	245.00	317.00	328.00	286.00	304.50	260.00	354.00	359.50	300.50	315.50	307.00	267.50
Key entry operators	222.00	273.00	299.00	248.00	250.50	240.50	316.00	342.50	255.50	301.50	253.50	231.50
Key entry operators I	215.50	252.50	295.50	239.00	234.00	238.50	292.00	311.50	255.00	279.50	210.00	219.00
Key entry operators II	255.00	321.00	311.00	266.50	286.00	-	371.50	374.50	257.50	341.00	300.50	281.50

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 24 areas, January-June 1985[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Fresno, CA	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ
	May	March	February	April	June	June	May	February	January	May	January	January
Computer systems analysts (business)	$641.00	$615.50	$810.00	$660.00	$640.00	$560.50	$688.50	$663.00	$517.50	$636.50	$614.00	$654.50
Computer systems analysts (business) I	495.50	520.50	643.50	542.00	-	461.00	544.50	-	438.00	594.50	486.00	536.00
Computer systems analysts (business) II	632.50	592.00	800.00	620.50	-	553.50	656.50	654.00	561.00	597.00	573.00	615.50
Computer systems analysts (business) III	678.00	688.00	-	736.00	-	679.00	774.50	-	-	728.50	686.50	718.50
Computer programmers (business)	512.50	504.50	579.00	518.00	452.50	437.50	567.00	504.50	443.50	474.50	469.00	508.00
Computer programmers (business) I	390.50	416.00	-	455.50	-	337.50	462.00	-	367.00	388.50	359.00	400.00
Computer programmers (business) II	487.50	504.50	495.00	501.50	-	420.00	544.50	-	402.00	452.00	464.50	508.50
Computer programmers (business) III	586.00	582.50	-	621.50	-	531.00	672.50	-	-	539.00	547.00	626.00
Computer operators	361.00	367.50	418.50	431.50	315.00	310.00	364.50	300.00	313.50	376.50	339.50	378.00
Computer operators I	338.00	312.50	326.50	376.00	328.00	278.50	307.00	231.00	278.50	300.00	288.50	298.00
Computer operators II	356.00	363.00	470.00	445.00	338.00	350.50	384.00	348.00	376.00	378.50	334.00	375.50
Computer operators III	463.00	454.50	511.50	536.50	-	-	457.50	-	-	425.50	395.00	444.50
Peripheral equipment operators	-	369.00	-	487.00	-	-	-	-	-	-	291.50	338.00
Computer data librarians	295.00	299.50	-	391.50	-	-	-	-	-	-	301.50	-
Drafters	395.50	433.00	441.00	525.00	349.00	377.50	509.00	332.50	354.50	420.00	416.00	452.00
Drafters I	-	-	-	215.00	-	-	-	-	-	-	-	-
Drafters II	341.50	310.50	310.50	298.00	-	306.00	360.00	257.00	-	275.00	325.50	307.00
Drafters III	407.50	397.50	380.00	410.50	353.50	392.50	384.50	341.00	-	414.00	351.00	402.00
Drafters IV	445.00	462.50	496.00	515.00	-	434.50	484.50	407.50	-	434.00	406.50	498.50
Drafters V	-	577.50	464.00	671.50	-	-	634.50	-	-	486.00	521.00	538.50
Electronics technicians	503.50	543.50	-	522.50	-	449.50	445.50	-	445.50	464.00	460.50	488.50
Electronics technicians I	363.00	-	-	-	-	-	311.50	-	-	-	-	-
Electronics technicians II	486.00	553.50	489.00	502.50	-	441.50	439.00	342.50	475.00	514.50	430.50	498.00
Electronics technicians III	531.50	618.50	-	533.50	-	475.50	535.50	420.50	-	493.50	525.50	470.00
Registered industrial nurses	505.00	477.00	493.50	563.00	-	347.00	515.50	-	-	480.00	470.50	463.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 24 areas, January-June 1985[1]

Occupation and level[2]	Norfolk-Virginia Beach-Portsmouth, VA-NC	Pittsburgh, PA	Portland, OR-WA	Richmond, VA	St. Louis, MO-IL	San Antonio, TX	San Francisco-Oakland, CA	San Jose, CA	Washington, DC-MD-VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	May	March	March	March	April	March	January
Computer systems analysts (business)	$564.50	$605.50	$632.00	$591.00	$645.50	$612.00	$670.00	$701.50	$604.00	$581.50	$574.00	$525.50
Computer systems analysts (business) I	-	524.50	534.00	494.00	510.50	473.50	591.00	614.00	495.00	518.00	482.50	-
Computer systems analysts (business) II	532.50	581.00	606.00	566.50	618.00	590.00	642.00	681.00	578.50	602.50	548.50	526.50
Computer systems analysts (business) III	671.00	676.00	737.00	659.00	746.00	-	757.00	779.50	681.00	708.50	675.00	561.00
Computer programmers (business)	424.50	460.50	458.50	458.00	477.00	474.50	558.00	591.00	516.00	447.50	451.50	391.00
Computer programmers (business) I	372.00	381.50	358.00	364.00	373.00	372.00	432.00	501.50	409.50	385.50	408.50	313.50
Computer programmers (business) II	398.00	469.50	453.50	446.50	474.50	457.00	576.00	559.50	511.50	455.00	453.50	388.00
Computer programmers (business) III	535.50	542.50	524.00	563.00	568.50	529.50	688.00	679.50	589.00	537.50	545.00	-
Computer operators	302.50	349.00	349.00	342.50	329.50	306.00	394.50	409.00	348.50	382.50	332.00	280.00
Computer operators I	278.00	272.00	299.00	266.50	247.00	286.00	353.00	346.50	306.50	324.50	281.00	237.50
Computer operators II	302.50	339.00	349.50	354.00	332.00	311.50	382.00	409.50	357.00	383.50	355.00	297.00
Computer operators III	331.00	428.00	-	388.00	400.00	363.50	448.50	478.50	423.50	435.50	-	-
Peripheral equipment operators	-	-	-	-	-	-	386.00	-	-	-	-	-
Computer data librarians	-	393.00	-	282.00	268.00	-	335.00	-	330.50	-	-	-
Drafters	327.50	467.50	392.50	372.00	448.00	350.50	527.00	451.50	364.50	480.50	421.50	378.00
Drafters I	-	-	-	-	-	-	-	-	-	-	-	-
Drafters II	277.00	336.50	257.50	-	303.50	268.50	-	377.50	269.50	-	-	266.50
Drafters III	364.50	368.50	355.50	331.50	375.00	314.50	443.00	404.50	344.00	456.50	365.00	329.00
Drafters IV	361.00	465.50	417.50	375.00	464.50	385.50	508.00	488.00	394.50	465.50	439.50	408.50
Drafters V	-	547.50	472.00	-	589.00	-	617.50	546.50	499.00	525.00	-	-
Electronics technicians	-	527.00	-	534.00	537.00	452.50	542.00	475.50	476.50	476.50	423.00	485.00
Electronics technicians I	-	-	-	-	-	296.00	408.00	359.00	380.00	-	-	-
Electronics technicians II	462.50	493.50	-	596.50	492.50	-	-	473.50	427.50	425.00	443.00	498.00
Electronics technicians III	519.50	553.00	555.50	488.50	609.50	409.50	606.00	541.00	553.50	540.00	466.50	550.00
Registered industrial nurses	-	464.50	-	476.50	492.50	-	531.50	-	-	475.50	-	397.50

[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1985[1]

Occupation	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Fresno, CA	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ
	May	March	February	April	June	June	May	February	January	May	January	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$12.76	$13.82	$13.90	$14.32	-	$8.20	$13.36	-	-	$13.51	$13.96	$12.07
Maintenance electricians	13.49	14.12	14.25	14.43	$13.15	9.68	14.18	$13.16	$12.20	14.30	14.73	12.83
Maintenance painters	13.21	14.15	13.61	14.44	-	-	13.61	-	-	-	13.03	12.28
Maintenance machinists	13.55	13.68	13.43	13.23	12.54	8.99	14.07	10.89	11.63	15.43	14.23	12.27
Maintenance mechanics (machinery)	11.16	13.40	14.17	14.79	11.60	9.49	13.31	12.37	10.73	13.17	12.00	11.17
Maintenance pipefitters	14.29	13.89	14.58	14.24	-	-	14.33	-	-	14.65	15.05	13.57
Millwrights	-	13.94	12.95	13.93	-	-	-	-	-	13.99	14.36	12.81
Motor vehicle mechanics	11.99	14.69	13.62	13.71	12.20	10.02	12.01	9.65	10.69	12.01	12.89	11.98
Maintenance workers (general)	8.94	9.65	8.64	9.19	7.88	6.21	8.03	6.33	7.05	9.52	9.23	9.33
Maintenance trades helpers	-	10.00	10.13	11.08	8.39	7.28	-	-	-	-	10.68	9.54
Machine-tool operators (toolroom)	-	12.42	14.15	14.68	-	10.30	13.21	-	-	13.79	10.86	-
Tool and die makers	13.68	13.92	15.02	14.53	-	10.41	13.55	12.93	-	14.35	13.60	12.09
Stationary engineers	12.02	14.78	14.59	14.09	-	9.19	11.89	13.21	-	12.97	12.64	13.28
Material movement and custodial												
Truckdrivers[2]	8.43	13.37	11.22	12.21	10.98	9.04	9.28	8.43	8.56	11.02	12.64	12.06
Truckdrivers, light truck	5.27	11.44	-	8.70	6.23	4.64	5.85	-	5.91	6.96	10.26	7.63
Truckdrivers, medium truck	8.37	13.35	-	12.42	12.02	-	9.25	10.20	11.16	9.19	12.16	14.11
Truckdrivers, heavy truck	-	13.15	9.80	-	-	-	8.29	-	5.17	9.41	12.96	9.73
Truckdrivers, tractor-trailer	10.71	13.32	11.69	12.97	11.13	9.98	11.00	7.48	11.49	12.94	13.43	12.69
Shippers	9.26	9.33	9.31	12.09	-	6.96	7.26	-	5.86	9.18	9.42	8.64
Receivers	9.09	9.17	9.49	11.08	8.00	7.16	7.89	7.25	5.36	9.39	9.66	9.48
Shippers and receivers	9.25	8.44	10.14	11.42	8.74	6.50	8.54	7.66	7.40	9.21	8.95	8.65
Warehousemen	9.14	10.58	11.66	9.64	7.88	7.36	10.47	6.85	6.00	8.46	11.45	8.26
Order fillers	7.42	9.54	8.72	10.37	-	6.70	6.84	-	4.57	9.20	10.14	7.73
Shipping packers	7.04	7.84	9.32	9.88	-	7.11	-	7.46	7.45	-	7.47	7.80
Material handling laborers	7.95	10.72	9.87	10.83	-	7.59	6.79	7.11	7.48	10.41	10.24	6.87
Forklift operators	8.76	10.15	11.79	12.26	9.82	6.72	8.68	7.78	8.21	11.06	11.41	9.08
Power-truck operators (other than forklift)	10.31	10.39	-	12.53	-	-	-	-	-	10.68	11.36	-
Guards	5.08	5.90	7.04	7.41	4.62	4.32	5.89	5.41	-	5.52	5.89	4.82
Guards I	4.89	5.28	-	7.19	4.62	4.28	5.73	5.25	-	5.32	5.81	4.71
Guards II	-	8.63	11.85	8.96	-	-	11.80	-	-	10.71	8.51	8.41
Janitors, porters, and cleaners	4.40	6.81	7.06	7.73	5.35	3.94	3.97	4.55	4.19	4.93	6.26	5.32

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1985[1]

Occupation	Norfolk–Virginia Beach–Portsmouth, VA–NC	Pittsburgh, PA	Portland, OR–WA	Richmond, VA	St. Louis, MO–IL	San Antonio, TX	San Francisco–Oakland, CA	San Jose, CA	Washington, DC–MD–VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	May	March	March	March	April	March	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$10.66	$12.15	$13.66	$12.77	$13.47	-	$15.85	-	$12.06	$12.02	$10.09	$10.84
Maintenance electricians	12.02	13.19	14.72	14.61	14.34	$9.96	15.37	$14.23	12.66	13.22	11.26	11.69
Maintenance painters	-	11.89	-	12.35	13.70	-	15.48	-	-	-	-	-
Maintenance machinists	10.25	13.14	14.23	14.08	14.77	-	15.45	13.80	-	-	11.39	11.13
Maintenance mechanics (machinery)	10.32	13.13	14.15	15.82	11.89	9.68	14.39	14.59	-	11.88	10.68	10.80
Maintenance pipefitters	-	12.60	-	-	14.09	-	-	-	-	-	11.87	11.82
Millwrights	-	-	-	-	13.37	-	-	-	-	-	-	-
Motor vehicle mechanics	10.86	12.29	13.82	10.45	12.35	10.68	15.40	14.79	12.95	11.18	11.79	10.27
Maintenance workers (general)	6.97	9.15	9.80	7.26	8.64	6.15	9.68	8.71	7.84	7.63	7.67	8.11
Maintenance trades helpers	-	10.40	-	-	-	-	11.94	-	-	9.50	-	8.64
Machine-tool operators (toolroom)	-	13.12	-	-	-	-	-	-	-	-	9.79	11.85
Tool and die makers	-	13.20	15.09	-	14.83	11.07	16.62	16.99	-	13.98	10.94	12.15
Stationary engineers	-	13.07	14.39	14.40	12.89	10.48	15.89	-	13.08	12.88	11.49	12.89
Material movement and custodial												
Truckdrivers[2]	7.75	11.84	12.15	9.86	11.95	7.22	13.18	12.42	10.37	9.78	9.97	9.50
Truckdrivers, light truck	5.95	11.15	5.90	8.99	8.80	5.21	8.58	8.61	7.23	5.31	-	-
Truckdrivers, medium truck	7.89	10.59	12.03	10.76	12.06	8.78	12.80	11.65	9.52	10.75	8.66	10.48
Truckdrivers, heavy truck	7.10	9.87	12.11	8.72	10.30	5.84	-	-	10.54	-	-	7.83
Truckdrivers, tractor-trailer	7.77	12.15	12.64	10.03	12.71	7.42	14.00	12.33	12.30	11.49	10.38	10.03
Shippers	7.90	9.12	10.49	10.16	8.85	7.48	12.29	7.92	10.69	10.94	7.56	8.95
Receivers	7.22	8.35	9.97	8.66	8.84	6.30	11.22	9.61	9.93	-	8.03	8.03
Shippers and receivers	8.85	9.76	10.69	9.43	10.49	6.44	10.16	8.02	8.04	7.62	7.82	7.51
Warehousemen	7.74	8.59	9.57	8.04	8.78	6.29	10.83	9.00	8.24	7.18	8.20	8.66
Order fillers	4.58	10.52	11.66	-	8.64	6.98	13.64	-	9.61	7.10	7.09	8.09
Shipping packers	5.43	9.41	8.37	8.36	8.57	5.40	6.77	-	-	-	6.91	7.21
Material handling laborers	6.31	9.53	11.83	7.58	10.75	6.39	10.21	7.62	8.11	7.79	6.43	8.96
Forklift operators	6.92	10.96	11.23	9.71	11.06	8.05	12.28	10.08	10.07	-	8.74	8.71
Power-truck operators (other than forklift)	-	11.31	12.36	-	11.67	-	12.40	-	-	-	-	8.29
Guards	4.22	4.57	4.75	4.39	5.22	4.08	5.57	5.97	5.45	6.72	6.11	4.76
Guards I	4.07	4.47	4.72	4.03	4.30	4.08	5.34	5.72	4.75	10.01	5.54	4.51
Guards II	5.19	6.78	-	10.27	8.20	-	-	-	6.84	8.95	-	-
Janitors, porters, and cleaners	4.64	5.25	7.10	4.45	5.11	4.08	8.84	6.99	4.08	5.36	5.71	6.92

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 24 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Newark	5.0	4.0	4.2	4.0	3.7	4.2	5.2	3.9	4.4	4.3	5.6	3.4	4.4	3.5
Pittsburgh	3.6	4.8	6.0	4.1	2.9	3.9	3.8	5.8	4.1	4.2	3.4	5.8	-	1.6
Worcester	4.6	4.4	-	4.6	3.0	-	-	-	5.0	4.5	4.6	3.5	-	-
York	5.2	5.3	4.0	4.4	3.5	5.6	-	3.7	4.5	5.2	-	-	-	1.2
South														
Atlanta	4.3	4.9	3.0	4.3	3.8	3.8	4.4	.7	4.5	3.1	4.5	5.0	-	4.0
Greenville-Spartanburg	6.2	2.6	7.0	4.1	3.2	-	-	7.0	4.1	4.6	-	-	-	2.4
Houston	4.7	3.2	5.1	2.8	1.5	-	4.3	5.4	2.9	2.6	4.7	3.0	-	1.3
Huntsville	4.8	-	-	5.5	3.6	-	-	-	5.6	4.2	-	-	-	-
Jackson	4.4	4.4	-	4.6	4.3	-	-	-	6.7	5.8	4.1	4.2	-	3.7
Norfolk-Virginia Beach-Portsmouth	7.6	-	-	4.6	2.5	-	-	-	4.3	3.5	-	-	-	2.2
Richmond	5.7	6.1	6.3	4.7	3.0	6.1	6.4	6.3	4.9	4.6	5.4	5.9	-	2.2
San Antonio	6.3	5.9	-	4.7	-	-	-	-	4.6	2.9	6.5	5.7	-	-
Washington	5.4	5.2	-	4.6	2.5	-	-	-	-	6.3	5.3	5.3	-	2.4
Midwest														
Chicago	4.6	5.7	5.1	3.4	1.7	5.1	5.0	4.7	3.5	4.6	4.2	6.0	6.2	.8
Davenport-Rock Island-Moline	3.4	5.4	2.1	2.7	1.1	-	-	2.0	2.5	.2	4.5	-	-	2.4
Detroit	4.1	3.6	1.2	3.9	3.0	3.2	3.3	.5	4.1	4.0	4.7	3.8	-	1.9
Milwaukee	4.5	5.6	4.5	3.1	2.3	4.3	3.9	3.9	2.8	3.6	4.7	6.5	-	.5
Minneapolis-St. Paul	5.0	5.5	6.8	3.7	3.4	5.7	6.5	8.5	4.4	4.4	4.5	4.7	-	2.9
St. Louis	3.8	3.6	4.8	3.3	2.5	2.9	4.2	5.0	3.0	3.9	4.3	3.4	-	1.5
Wichita	2.5	4.9	1.6	2.6	2.0	-	-	1.6	2.4	2.0	2.5	4.7	-	-
West														
Fresno	4.7	-	-	3.3	-	-	-	-	3.1	-2.0	-	-	-	-
Portland	4.4	4.5	-	3.2	.7	-	-	-	3.6	-	3.7	3.4	-	-.7
San Francisco-Oakland	4.6	3.3	4.3	3.8	-.1	3.9	-	4.2	3.5	2.6	4.7	3.8	-	-.3
San Jose	5.0	4.8	-	3.7	1.7	5.0	4.6	-	3.7	-	-	5.5	-	-

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from: Bureau of Labor Statistics, Chicago Regional Office, P.O. Box 2145, Chicago, IL 60690, or Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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Anaheim—Santa Ana—Garden Grove, CA
Atlanta, GA

Baltimore, MD
Billings, MT
Boston, MA
Buffalo, NY

Chattanooga, TN-GA
Chicago, IL
Cincinnati, OH-KY-IN
Cleveland, OH
Columbus, OH
Corpus Christi, TX

Dallas—Fort Worth, TX
Davenport—Rock Island—Moline, IA-IL
Dayton, OH
Daytona Beach, FL
Denver—Boulder, CO
Detroit, MI

Fresno, CA

Gainesville, FL
Gary—Hammond—East Chicago, IN
Green Bay, WI
Greensboro—Winston-Salem—High Point, NC
Greenville—Spartanburg, SC

Hartford, CN
Houston, TX
Huntsville, AL

Indianapolis, IN

Jackson, MS
Jacksonville, FL

Kansas City, MO-KS

Los Angeles—Long Beach, CA
Louisville, KY-IN

Memphis, TN-AR-MS
Miami, FL
Milwaukee, WI
Minneapolis—St. Paul, MN-WI

Nassau—Suffolk, NY
Newark, NJ
New Orleans, LA
New York, NY-NJ
Norfolk—Virginia Beach—
  Portsmouth, VA-NC
Northeast Pennsylvania

Oklahoma City, OK
Omaha, NE-IA

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Philadelphia, PA-NJ
Pittsburgh, PA
Portland, ME
Portland, OR-WA
Poughkeepsie, NY
Providence—Warwick—
  Pawtucket, RI-MA

Richmond, VA

St. Louis, MO-IL
Sacramento, CA
Saginaw, MI
Salt Lake City—Ogden, UT
San Antonio, TX
San Diego, CA
San Francisco—Oakland, CA
San Jose, CA
Seattle—Everett, WA
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Trenton, NJ

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Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

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Albany, GA
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Augusta, GA-SC
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Baton Rouge, LA
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Brunswick, GA
Champaign—Urbana—Rantoul, IL
Charleston—North Charleston—Walterboro, SC
Charlotte—Gastonia, NC
Cheyenne, WY
Clarksville—Hopkinsville, TN-KY
Colorado Springs, CO
Columbia—Sumter, SC
Columbus, GA-AL
Columbus, MS
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Decatur, IL
Des Moines, IA
Dothan, AL
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EL Paso—Alamogordo—Las Cruces, TX-NM
Eugene—Springfield—Medford, OR
Fayetteville, NC
Fort Lauderdale—Hollywood and West Palm Beach—Boca Raton, FL
Fort Smith, AR-OK
Fort Wayne, IN
Frederick—Hagerstown—Chambersburg, MD-PA
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Grand Island—Hastings, NE
Guam, Territory of
Harrisburg—Lebanon, PA
Knoxville, TN
Laredo, TX
Las Vegas—Tonopah, NV
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Little Rock—North Little Rock, AR
Logansport—Peru, IN
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Madison, WI
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Mansfield, OH
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Melbourne—Titusville—Cocoa, FL
Meridian, MS
Middlesex, Monmouth, and Ocean Counties, NJ
Mobile—Pensacola—Panama City, AL-FL
Montana (statewide)
Montgomery, AL
Nashville—Davidson, TN
New Bern—Jacksonville, NC
New Hampshire (statewide)
North Dakota (statewide)
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Pueblo, CO
Puerto Rico
Raleigh—Durham, NC
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Southwest Virginia
Spokane, WA
Stockton, CA
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Tucson—Douglas, AZ
Tulsa, OK
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Waterloo—Cedar Falls, IA
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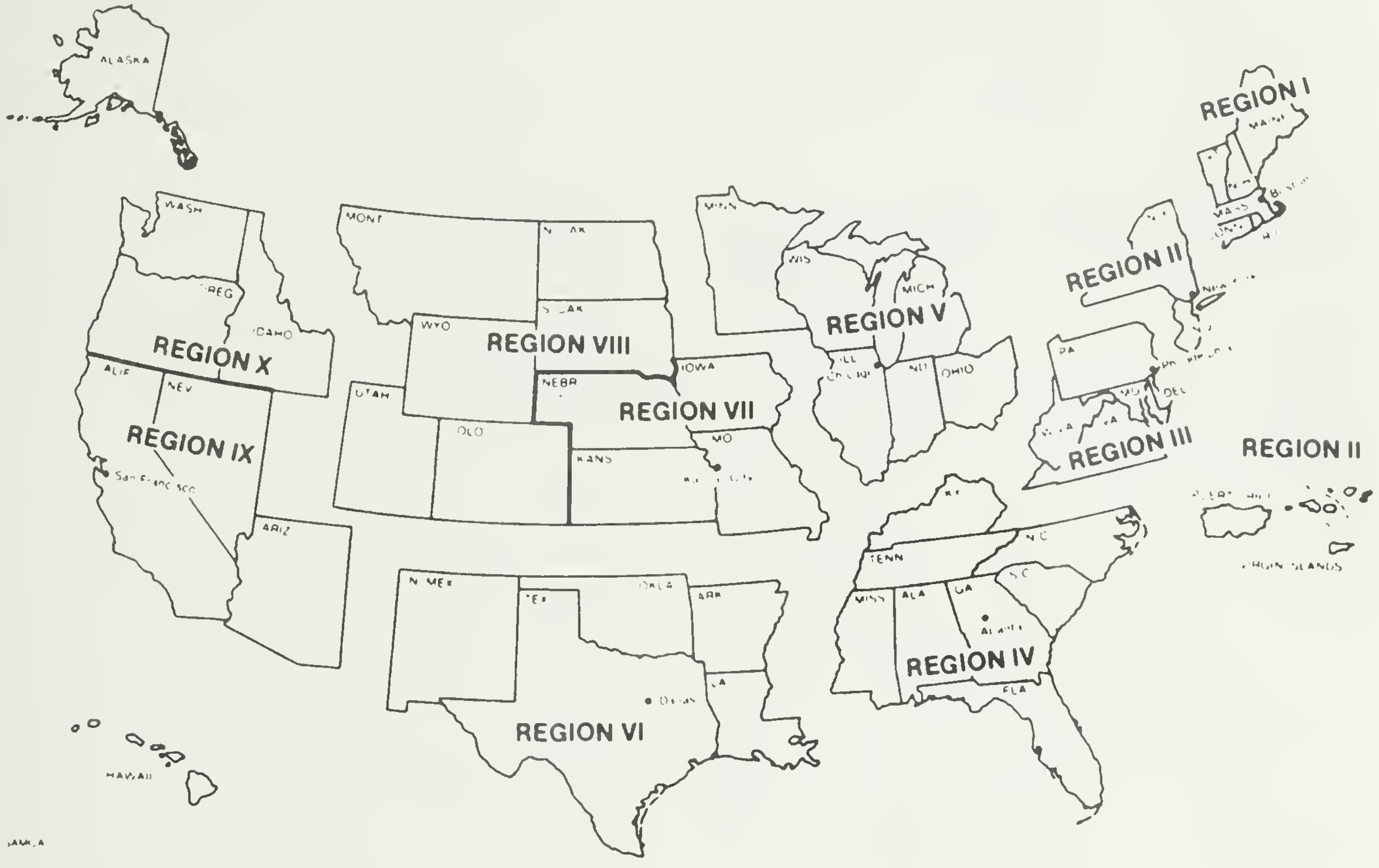

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1985

U.S. Department of Labor
Bureau of Labor Statistics
December 1985

Summary 85-13 (No. 2 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from May through October 1985. Data for another 24 areas have been presented in an earlier summary; data for the remaining 23 areas surveyed in 1985 will be presented in a subsequent summary.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducted 89 wage surveys in 1985 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 23 areas, May-October 1985[1]

Occupation and level[2]	Albany–Schenectady–Troy, NY	Baltimore, MD	Billings, MT	Boston, MA	Chattanooga, TN–GA	Cincinnati, OH–KY–IN	Cleveland, OH	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL	Green Bay, WI	Greensboro–Winston-Salem–High Point, NC
	September	August	July	August	September	July	September	July	August	September	August	August
Secretaries	$372.50	$359.50	$321.00	$367.50	$324.00	$357.50	$360.00	$334.50	$335.00	$293.00	$334.00	$344.50
Secretaries I	275.00	283.00	283.50	291.50	272.00	289.50	334.50	284.00	256.50	266.50	290.50	285.00
Secretaries II	280.50	318.00	354.00	331.50	290.00	329.00	323.00	347.50	328.00	-	333.00	327.50
Secretaries III	374.00	370.00	314.00	363.00	322.00	355.50	362.50	371.50	367.50	307.50	322.50	360.00
Secretaries IV	408.50	433.00	-	418.50	401.00	390.00	401.00	-	-	-	363.50	420.50
Secretaries V	433.50	470.50	-	461.00	-	492.00	451.50	-	-	-	-	389.00
Stenographers	352.50	421.50	363.00	341.50	-	338.00	363.50	-	-	-	-	-
Stenographers I	354.00	430.50	-	315.00	-	321.50	329.50	-	-	-	-	-
Stenographers II	352.00	-	-	-	-	351.50	394.00	-	-	-	-	-
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-	-
Typists	263.50	301.50	-	253.50	-	272.50	283.00	-	-	-	260.00	261.50
Typists I	214.00	233.50	-	229.50	-	238.00	266.00	-	-	-	-	247.50
Typists II	341.50	366.00	-	298.50	-	307.50	296.00	-	-	-	-	316.00
Word processors	-	295.50	-	310.50	265.00	297.50	-	-	282.50	-	225.50	-
Word processors I	-	284.50	-	277.00	244.50	289.00	-	-	-	-	211.00	-
Word processors II	-	310.50	-	344.00	293.50	312.50	-	-	321.50	-	-	-
File clerks	189.00	249.00	175.50	210.50	186.50	206.50	205.50	-	-	-	-	194.50
File clerks I	185.00	267.00	-	207.00	186.50	188.50	230.50	-	-	-	-	187.50
File clerks II	-	230.50	176.50	210.00	-	219.50	-	-	-	-	-	-
File clerks III	-	-	-	255.50	-	-	-	-	-	-	-	-
Messengers	-	223.00	-	214.00	186.50	214.00	248.50	-	-	-	-	212.50
Receptionists	-	222.00	-	273.00	-	256.00	238.50	-	-	-	-	-
Switchboard operators	257.00	258.50	244.00	267.50	240.50	246.00	263.00	202.50	194.50	191.50	-	241.50
Switchboard operator-receptionists	230.50	226.50	207.50	257.50	237.00	261.50	257.00	230.50	213.00	204.00	218.50	230.00
Order clerks	227.50	249.00	-	260.50	263.50	284.00	302.50	-	255.00	-	268.50	287.50
Order clerks I	-	239.00	-	237.00	263.50	263.50	303.00	-	-	-	245.00	257.00
Order clerks II	-	-	-	340.00	-	336.00	301.50	-	-	-	319.50	352.00
Accounting clerks	296.50	286.00	274.50	281.50	256.00	289.00	300.50	270.50	255.00	262.00	309.00	274.50
Accounting clerks I	-	227.00	242.00	216.50	193.00	255.50	294.50	186.50	-	204.00	-	204.50
Accounting clerks II	249.50	245.50	256.50	265.00	243.00	282.00	270.50	248.50	243.50	248.50	249.00	247.00
Accounting clerks III	306.00	295.00	319.00	306.50	296.50	308.50	314.50	301.50	307.50	294.00	354.00	302.00
Accounting clerks IV	382.50	469.50	343.50	381.50	-	404.00	370.00	-	-	-	-	352.00
Payroll clerks	347.50	324.00	278.00	315.00	275.50	315.50	298.50	285.00	252.00	-	284.00	271.50
Key entry operators	285.00	268.50	267.50	273.00	249.00	280.00	263.00	271.50	226.50	260.50	233.00	265.50
Key entry operators I	242.50	253.50	239.50	260.50	243.00	276.50	242.00	250.00	205.00	264.00	214.50	257.50
Key entry operators II	334.00	301.50	362.50	313.00	-	288.50	298.00	299.00	-	-	-	305.50

See footnotes at end of table.

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Table 1. Continued—Average earnings for selected office occupations in 23 areas, May-October 1985[1]

Occupation and level[2]	Hartford, CT	Kansas City, MO-KS	Miami, FL	New York, NY-NJ	Northeast Pennsylvania	Oklahoma City, OK	Paterson-Clifton-Passaic, NJ	Poughkeepsie, NY	Providence-Warwick-Pawtucket, RI-MA	South Bend, IN	Toledo, OH-MI
	July	September	October	May	August	August	June	September	June	August	June
Secretaries	$333.50	$351.00	$346.50	$379.00	$282.50	$348.00	$350.50	–	$309.50	$352.50	$394.00
Secretaries I	273.00	291.50	306.50	311.00	218.50	304.00	283.00	–	248.00	307.50	–
Secretaries II	288.50	310.00	319.00	328.00	271.00	328.50	310.00	–	297.50	279.50	321.50
Secretaries III	348.50	377.50	359.00	372.50	308.50	351.00	343.00	–	308.00	344.50	374.50
Secretaries IV	392.00	383.50	412.50	429.50	345.50	444.00	392.50	–	357.50	404.00	407.50
Secretaries V	467.00	453.00	470.00	493.00	–	457.50	458.00	–	405.50	413.50	479.00
Stenographers	315.00	407.00	–	309.50	292.00	–	–	–	269.50	–	384.00
Stenographers I	282.50	415.00	–	272.50	–	–	–	–	269.50	–	378.50
Stenographers II	–	402.00	–	337.00	–	–	–	–	–	–	–
Transcribing-machine typists	–	–	–	–	–	–	–	–	–	–	–
Typists	241.50	249.00	261.00	251.00	256.50	227.50	233.50	–	211.50	255.50	307.50
Typists I	207.50	236.00	244.00	233.00	233.00	211.00	215.50	–	207.50	–	269.50
Typists II	276.00	288.00	304.50	276.50	312.00	261.00	273.00	–	–	–	397.50
Word processors	–	282.00	298.00	314.00	–	–	293.50	–	257.50	237.00	286.00
Word processors I	–	255.00	274.50	287.50	–	–	284.50	–	–	216.50	296.50
Word processors II	–	295.50	317.50	341.00	–	–	–	–	–	254.50	276.50
File clerks	194.00	219.50	207.50	222.00	195.00	208.50	214.50	–	188.50	188.00	212.00
File clerks I	183.50	191.50	198.00	200.00	196.50	206.00	199.00	–	166.00	–	201.50
File clerks II	209.00	250.00	227.00	221.50	–	–	–	–	201.00	197.00	–
File clerks III	–	–	–	278.50	–	–	–	–	–	–	–
Messengers	200.00	242.00	236.00	219.00	–	217.50	194.00	–	–	–	238.00
Receptionists	–	261.50	217.50	253.00	200.50	235.50	–	–	–	–	–
Switchboard operators	242.00	233.00	213.00	271.50	184.00	257.50	244.00	$367.00	230.50	230.00	290.50
Switchboard operator-receptionists	252.00	241.50	230.00	270.00	212.50	239.50	239.50	–	222.50	239.00	251.50
Order clerks	282.50	280.50	275.00	256.00	271.00	249.00	282.00	–	246.50	282.50	284.50
Order clerks I	263.00	244.50	261.50	243.50	258.00	246.00	232.00	–	235.00	270.00	238.50
Order clerks II	334.00	318.50	304.00	326.00	–	–	328.50	–	282.00	290.00	390.50
Accounting clerks	269.50	312.00	297.50	306.00	225.50	302.00	287.00	247.50	256.00	262.00	308.00
Accounting clerks I	221.50	221.00	238.00	235.00	180.00	280.50	222.50	–	221.50	226.50	233.50
Accounting clerks II	250.50	309.50	271.00	284.50	230.50	280.00	273.50	218.00	241.00	259.00	291.00
Accounting clerks III	298.50	325.00	315.50	331.00	313.50	336.00	310.50	–	298.00	276.50	347.00
Accounting clerks IV	321.50	398.00	386.00	400.00	–	464.50	368.00	–	371.00	367.50	462.00
Payroll clerks	267.00	333.00	310.50	328.50	316.50	308.50	317.00	–	265.00	298.00	342.00
Key entry operators	253.00	282.00	269.50	281.00	220.50	274.50	276.50	312.50	238.00	247.50	283.00
Key entry operators I	233.50	264.00	259.00	271.00	194.00	250.00	236.50	–	231.00	229.00	252.00
Key entry operators II	295.00	326.50	307.50	305.50	303.00	303.50	295.50	–	258.50	297.50	338.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard work-weeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 23 areas, May-October 1985[1]

Occupation and level[2]	Albany–Schenectady–Troy, NY	Baltimore, MD	Billings, MT	Boston, MA	Chattanooga, TN–GA	Cincinnati, OH–KY–IN	Cleveland, OH	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL	Green Bay, WI	Greensboro–Winston-Salem–High Point, NC
	September	August	July	August	September	July	September	July	August	September	August	August
Computer systems analysts (business)	$671.50	$629.00	–	$622.00	$657.00	$594.00	$618.50	$601.50	–	–	$556.00	$606.00
Computer systems analysts (business) I	–	492.50	–	444.00	–	512.50	476.50	–	–	–	–	525.50
Computer systems analysts (business) II	670.50	604.50	–	594.00	708.00	578.50	582.00	–	–	–	508.50	618.50
Computer systems analysts (business) III	762.00	727.00	–	718.50	–	702.50	682.00	–	–	–	662.50	710.00
Computer programmers (business)	472.50	461.00	$399.00	467.50	455.50	478.00	469.50	443.50	–	–	405.00	426.00
Computer programmers (business) I	–	–	–	368.00	–	342.50	367.00	–	–	–	321.50	366.00
Computer programmers (business) II	464.50	484.50	423.00	480.50	480.00	458.00	460.00	–	–	–	398.00	425.50
Computer programmers (business) III	528.50	539.50	–	558.00	–	558.50	554.50	–	–	–	493.00	534.00
Computer operators	365.50	352.00	280.00	339.00	305.50	345.50	345.00	301.00	$266.00	$270.50	329.00	351.00
Computer operators I	–	278.50	–	293.00	240.50	283.00	254.00	236.50	–	241.50	300.50	295.50
Computer operators II	336.50	345.50	278.00	361.00	333.00	333.00	345.00	300.50	–	–	319.00	354.50
Computer operators III	420.00	462.50	–	451.00	–	443.00	406.00	–	–	–	–	445.00
Peripheral equipment operators	–	–	–	257.50	–	–	–	–	–	–	–	–
Computer data librarians	–	290.00	–	281.00	–	273.00	360.50	–	–	–	–	–
Drafters	453.50	418.50	395.00	444.00	384.00	420.50	423.00	396.00	386.50	405.00	463.00	434.50
Drafters I	–	–	–	–	–	–	–	–	–	–	–	–
Drafters II	–	308.00	–	300.50	–	–	329.00	–	–	–	–	–
Drafters III	447.50	336.00	330.50	374.50	341.50	341.50	356.00	–	–	330.50	336.00	389.50
Drafters IV	460.50	434.50	430.00	460.00	436.50	462.00	465.50	–	–	464.00	437.50	557.50
Drafters V	512.00	518.50	–	576.50	–	504.50	521.50	–	–	–	–	–
Electronics technicians	493.50	519.00	579.00	473.50	395.50	413.50	425.50	543.50	410.00	381.50	–	523.50
Electronics technicians I	–	364.00	–	356.00	–	–	378.00	–	–	–	–	460.50
Electronics technicians II	498.00	521.00	564.00	410.00	447.00	371.50	391.50	–	416.50	438.00	–	538.50
Electronics technicians III	518.00	566.00	622.50	560.00	–	469.50	500.00	573.00	492.50	–	–	580.50
Registered industrial nurses	434.50	483.50	–	466.50	–	496.50	485.00	–	–	–	–	442.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 23 areas, May-October 1985[1]

Occupation and level[2]	Hartford, CT	Kansas City, MO–KS	Miami, FL	New York, NY–NJ	Northeast Pennsylvania	Oklahoma City, OK	Paterson–Clifton–Passaic, NJ	Poughkeepsie, NY	Providence–Warwick–Pawtucket, RI–MA	South Bend, IN	Toledo, OH–MI
	July	September	October	May	August	August	June	September	June	August	June
Computer systems analysts (business)	$607.00	$598.50	$648.50	$697.50	$626.50	$608.50	$663.50	-	$575.00	$577.50	$625.00
Computer systems analysts (business) I	513.50	475.50	621.50	574.50	-	-	-	-	499.00	-	464.00
Computer systems analysts (business) II	609.00	578.50	629.50	696.00	610.00	585.50	598.00	-	557.50	576.50	608.50
Computer systems analysts (business) III	733.50	726.00	722.00	763.50	644.50	655.50	768.50	-	687.50	693.50	732.50
Computer programmers (business)	455.00	486.50	555.00	524.00	404.50	463.00	505.50	-	412.00	421.00	456.00
Computer programmers (business) I	396.00	388.50	426.50	408.50	303.50	378.50	381.50	-	346.00	-	356.50
Computer programmers (business) II	465.50	483.00	537.50	514.50	422.00	477.00	484.50	-	409.00	392.00	474.00
Computer programmers (business) III	-	577.00	-	595.50	467.50	575.00	631.00	-	547.50	527.00	-
Computer operators	340.50	371.00	353.00	362.00	297.00	318.50	308.00	-	306.00	308.50	353.00
Computer operators I	279.50	299.50	323.00	312.50	219.50	281.00	260.00	-	267.00	255.50	289.00
Computer operators II	361.50	358.50	365.50	347.00	304.50	337.50	310.00	-	326.00	307.50	392.00
Computer operators III	426.50	474.00	491.50	436.50	371.00	404.50	372.50	-	-	439.50	422.50
Peripheral equipment operators	-	-	-	299.50	-	-	-	-	-	-	-
Computer data librarians	292.00	303.00	-	300.50	-	-	-	-	-	-	-
Drafters	417.00	398.50	385.00	431.50	298.50	364.00	397.00	$457.00	366.50	417.50	391.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-
Drafters II	271.50	299.50	333.50	331.00	268.50	262.00	-	-	273.00	307.50	262.50
Drafters III	344.00	354.00	384.00	391.00	322.50	337.00	329.00	-	338.00	391.00	346.00
Drafters IV	430.00	435.50	450.50	468.00	411.50	400.00	411.50	-	404.50	469.50	435.50
Drafters V	-	540.50	-	522.50	-	447.50	495.50	-	-	568.00	500.00
Electronics technicians	491.00	526.50	505.00	526.00	499.50	-	497.50	-	408.00	457.50	472.50
Electronics technicians I	-	-	-	-	396.50	-	-	-	-	-	-
Electronics technicians II	420.00	485.50	565.00	-	517.50	-	489.00	-	395.50	463.00	-
Electronics technicians III	552.50	617.00	-	-	-	-	-	-	-	-	-
Registered industrial nurses	422.50	487.00	-	477.50	385.50	-	435.00	-	407.50	-	501.00

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, May-October 1985[1]

Occupation	Albany-Schenectady-Troy, NY	Baltimore, MD	Billings, MT	Boston, MA	Chattanooga, TN-GA	Cincinnati, OH-KY-IN	Cleveland, OH	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL	Green Bay, WI	Greensboro-Winston-Salem-High Point, NC
	September	August	July	August	September	July	September	July	August	September	August	August
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$11.36	$12.11	-	$11.74	-	$12.59	$13.63	-	-	-	-	$10.28
Maintenance electricians	11.78	13.56	$14.12	12.98	$10.60	12.93	13.94	$14.19	$11.38	-	$13.60	12.82
Maintenance painters	10.49	12.77	-	10.92	-	12.19	14.04	11.65	-	-	-	10.16
Maintenance machinists	11.91	13.53	-	12.04	9.74	12.19	12.67	14.79	-	-	13.10	-
Maintenance mechanics (machinery)	10.74	12.75	12.41	11.41	10.62	11.52	13.43	13.23	10.57	-	12.94	11.84
Maintenance pipefitters	11.83	13.88	-	13.05	-	13.19	14.57	13.34	-	-	13.44	-
Millwrights	11.95	13.88	-	-	-	14.96	14.86	-	-	-	-	-
Motor vehicle mechanics	12.29	11.62	11.53	12.96	9.66	12.46	12.91	9.36	10.17	$10.23	12.42	11.38
Maintenance workers (general)	6.71	9.64	6.39	8.56	7.12	8.60	9.09	6.10	5.51	5.72	10.42	6.55
Maintenance trades helpers	8.62	-	-	8.91	-	9.80	10.95	-	-	-	-	8.01
Machine-tool operators (toolroom)	11.61	11.30	-	11.35	-	13.06	13.78	-	-	-	-	-
Tool and die makers	12.76	13.51	-	13.47	-	13.37	13.76	-	-	-	-	12.35
Stationary engineers	12.31	13.42	12.46	13.31	-	12.23	12.99	-	-	-	-	15.38
Material movement and custodial												
Truckdrivers[2]	11.10	9.99	12.29	11.43	8.76	10.81	11.55	7.03	8.33	10.96	10.90	9.86
Truckdrivers, light truck	-	-	11.30	9.05	7.42	12.00	8.74	5.03	-	-	-	5.81
Truckdrivers, medium truck	10.53	8.92	13.60	12.57	7.88	9.80	12.36	7.31	-	-	-	10.83
Truckdrivers, heavy truck	10.77	9.14	-	9.55	9.84	9.68	-	-	7.46	-	-	-
Truckdrivers, tractor-trailer	11.90	10.60	11.30	12.14	9.42	11.33	13.79	7.42	-	-	11.68	9.77
Shippers	9.25	9.00	-	8.70	6.83	8.65	9.08	-	-	-	-	7.02
Receivers	8.12	9.34	10.18	8.86	6.74	9.30	8.40	6.41	-	-	6.69	7.71
Shippers and receivers	8.20	8.17	6.82	8.28	6.80	9.19	9.31	-	7.98	-	9.05	8.19
Warehousemen	8.63	7.54	9.49	8.84	8.59	9.22	9.34	12.22	6.67	8.32	9.81	8.44
Order fillers	8.59	6.91	-	9.20	6.23	9.46	8.27	-	-	-	10.54	7.42
Shipping packers	7.65	-	-	7.93	5.57	7.98	8.69	-	-	-	-	6.48
Material handling laborers	9.66	7.74	-	7.25	6.80	9.71	9.37	5.43	-	6.00	8.92	7.01
Forklift operators	8.69	9.24	-	9.74	7.54	10.07	11.19	6.86	5.61	4.55	10.68	9.21
Power-truck operators (other than forklift)	-	-	-	-	5.87	10.52	12.38	-	-	-	-	-
Guards	5.98	5.45	-	5.41	4.65	4.79	5.05	4.34	-	-	-	4.79
Guards I	5.46	4.84	-	5.25	3.99	4.63	4.85	4.32	-	-	-	4.57
Guards II	-	-	-	7.28	-	-	6.40	-	-	-	-	-
Janitors, porters, and cleaners	6.57	4.51	6.59	6.00	4.57	5.46	6.65	4.14	4.50	-	5.45	4.80

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, May-October 1985[1]

Occupation	Hartford, CT	Kansas City, MO-KS	Miami, FL	New York, NY-NJ	Northeast Pennsylvania	Oklahoma City, OK	Paterson-Clifton-Passaic, NJ	Poughkeepsie, NY	Providence-Warwick-Pawtucket, RI-MA	South Bend, IN	Toledo, OH-MI
	July	September	October	May	August	August	June	September	June	August	June
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$11.74	$12.97	$8.27	$12.66	$8.61	-	$12.28	-	$9.15	$9.75	-
Maintenance electricians	12.99	13.76	10.73	13.02	10.58	$14.16	11.64	$11.88	10.66	11.92	$13.82
Maintenance painters	11.23	12.88	6.66	12.57	-	-	-	-	-	-	13.31
Maintenance machinists	11.08	14.64	11.00	14.05	9.92	-	10.44	-	9.64	11.04	13.87
Maintenance mechanics (machinery)	10.83	12.23	11.24	10.80	9.73	10.90	10.95	-	10.03	10.84	13.82
Maintenance pipefitters	11.84	14.34	-	-	-	-	-	-	-	13.34	14.05
Millwrights	-	14.50	-	-	-	-	-	-	-	13.18	14.09
Motor vehicle mechanics	11.01	12.52	11.11	12.22	11.66	11.24	11.84	-	11.31	12.10	13.44
Maintenance workers (general)	8.31	8.73	6.63	9.48	7.48	6.98	10.20	6.89	7.31	8.46	9.15
Maintenance trades helpers	-	11.33	7.55	8.72	7.85	-	8.58	-	-	-	-
Machine-tool operators (toolroom)	11.86	-	9.17	-	10.10	-	-	-	-	-	13.07
Tool and die makers	12.45	14.46	11.30	11.42	11.15	14.08	12.76	-	11.81	-	13.56
Stationary engineers	11.51	13.06	-	14.65	11.29	13.09	13.03	-	-	12.54	13.65
Material movement and custodial											
Truckdrivers[2]	10.39	11.65	8.73	12.18	9.66	8.92	10.27	-	10.36	9.69	12.15
Truckdrivers, light truck	7.84	6.90	-	9.62	11.12	6.26	-	-	6.43	-	8.65
Truckdrivers, medium truck	12.33	11.17	8.75	13.55	8.01	8.76	10.26	-	11.73	10.14	12.66
Truckdrivers, heavy truck	9.27	12.45	8.50	11.10	8.12	8.04	10.87	-	-	-	-
Truckdrivers, tractor-trailer	11.33	12.47	9.92	13.45	10.34	10.58	10.09	-	11.12	9.50	12.22
Shippers	9.01	8.59	7.13	7.61	7.08	7.41	9.22	-	8.28	8.28	9.77
Receivers	8.06	8.69	6.09	8.19	6.53	7.67	8.88	-	7.41	8.86	10.12
Shippers and receivers	8.41	9.07	7.35	7.52	7.52	8.99	8.07	-	7.45	9.31	9.25
Warehousemen	9.62	9.02	11.35	8.45	7.39	9.17	9.25	-	9.51	10.99	10.48
Order fillers	8.90	8.06	8.28	8.52	7.35	8.73	6.45	-	6.44	9.05	9.35
Shipping packers	7.28	7.94	5.90	7.87	7.11	7.38	7.47	-	5.90	8.15	11.27
Material handling laborers	8.48	9.65	5.78	9.31	10.54	6.78	6.88	-	6.52	10.09	12.32
Forklift operators	9.78	10.86	6.61	8.87	9.90	10.34	9.42	-	7.50	9.49	11.06
Power-truck operators (other than forklift)	-	11.46	-	-	-	-	-	-	-	-	-
Guards	6.06	5.33	4.76	5.23	4.16	5.48	4.55	-	4.57	9.15	5.30
Guards I	-	4.51	4.53	5.03	3.99	5.12	4.51	-	4.40	6.59	5.11
Guards II	9.54	9.02	-	6.50	-	7.77	-	-	-	-	-
Janitors, porters, and cleaners	4.67	5.93	4.27	7.86	4.82	5.40	5.89	5.96	4.90	7.72	7.28

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Albany–Schenectady–Troy	3.4	7.5	3.1	2.9	3.1	-	-	2.0	2.6	1.6	5.1	-	-	5.4
Boston	5.5	5.0	4.8	4.2	5.5	5.0	4.9	5.4	4.2	4.0	6.0	5.0	2.9	6.1
Hartford	5.0	5.4	3.7	4.7	3.6	3.8	-	3.9	4.6	4.8	5.6	5.5	-	2.8
New York	5.6	5.5	7.3	3.2	6.6	3.8	5.0	7.8	3.2	2.6	6.2	5.7	6.9	6.9
Northeast Pennsylvania	4.5	5.8	6.4	3.7	2.4	-	-	-	4.0	3.8	5.6	6.4	-	1.9
Paterson–Clifton–Passaic	6.3	4.5	-	5.0	5.9	7.2	5.1	-	5.1	5.9	-	-	-	-
Poughkeepsie	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Providence–Warwick–Pawtucket	5.2	5.1	5.9	5.7	4.5	5.2	-	-	6.0	5.4	5.2	6.4	-	3.3
South														
Baltimore	4.4	4.6	5.6	2.1	3.2	-	3.2	-	1.7	3.8	4.8	4.9	-	2.9
Chattanooga	4.2	-	-	2.5	1.3	-	-	-	2.5	1.8	-	-	-	-
Corpus Christi	-	-	-	2.9	1.6	-	-	-	3.9	5.9	-	-	-	-
Daytona Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gainesville	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greensboro–Winston-Salem–High Point	4.2	4.3	6.0	4.7	3.3	4.6	4.7	6.5	5.0	3.2	3.6	3.7	-	3.4
Miami	4.8	7.2	-	3.8	1.7	-	-	-	4.0	4.3	5.0	7.5	-	1.1
Oklahoma City	4.2	4.9	-	4.0	1.1	-	-	-	4.2	1.6	4.5	4.7	-	.7
Midwest														
Cincinnati	4.0	4.3	3.7	3.3	3.2	3.6	3.7	3.2	3.6	4.3	4.3	4.8	-	1.6
Cleveland	4.1	4.0	3.8	4.7	1.4	3.9	3.2	3.4	4.7	4.2	4.2	4.8	-	-1.3
Green Bay	-	5.7	-	4.7	3.7	-	-	-	5.0	5.2	-	-	-	-
Kansas City	4.4	7.4	3.1	4.4	3.1	4.1	5.0	2.8	4.1	2.4	4.5	8.5	-	3.5
South Bend	5.4	3.5	-	3.7	4.4	-	-	-	3.9	5.0	-	-	-	-
Toledo	4.5	5.7	7.4	3.9	3.8	-	7.6	5.9	4.0	3.9	-	-	-	3.7
West														
Billings	4.6	-	-	2.3	3.3	-	-	-	-	-	4.3	-	-	-

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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Buffalo, NY

Chattanooga, TN-GA
Chicago, IL
Cincinnati, OH-KY-IN
Cleveland, OH
Columbus, OH
Corpus Christi, TX

Dallas—Fort Worth, TX
Davenport—Rock Island—Moline, IA-IL
Dayton, OH
Daytona Beach, FL
Denver—Boulder, CO
Detroit, MI

Fresno, CA

Gainesville, FL
Gary—Hammond—East Chicago, IN
Green Bay, WI
Greensboro—Winston-Salem—High Point, NC
Greenville—Spartanburg, SC

Hartford, CN
Houston, TX
Huntsville, AL

Indianapolis, IN

Jackson, MS
Jacksonville, FL

Kansas City, MO-KS

Los Angeles—Long Beach, CA
Louisville, KY-IN

Memphis, TN-AR-MS
Miami, FL
Milwaukee, WI
Minneapolis—St. Paul, MN-WI

Nassau—Suffolk, NY
Newark, NJ
New Orleans, LA
New York, NY-NJ
Norfolk—Virginia Beach—Portsmouth, VA-NC
Northeast Pennsylvania

Oklahoma City, OK
Omaha, NE-IA

Paterson—Clifton—Passaic, NJ
Philadelphia, PA-NJ
Pittsburgh, PA
Portland, ME
Portland, OR-WA
Poughkeepsie, NY
Providence—Warwick—Pawtucket, RI-MA

Richmond, VA

St. Louis, MO-IL
Sacramento, CA
Saginaw, MI
Salt Lake City—Ogden, UT
San Antonio, TX
San Diego, CA
San Francisco—Oakland, CA
San Jose, CA
Seattle—Everett, WA
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Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, GA
Albuquerque, NM
Alexandria—Leesville, LA
Alpena—Standish—Tawas City, MI
Ann Arbor, MI
Asheville, NC
Atlantic City, NJ
Augusta, GA-SC
Austin, TX
Bakersfield, CA
Baton Rouge, LA
Battle Creek, MI
Beaumont—Port Arthur—Orange and Lake Charles, TX-LA
Biloxi—Gulfport and Pascagoula—Moss Point, MS
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Birmingham, AL
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Champaign—Urbana—Rantoul, IL
Charleston—North Charleston—Walterboro, SC
Charlotte—Gastonia, NC
Cheyenne, WY
Clarksville—Hopkinsville, TN-KY
Colorado Springs, CO
Columbia—Sumter, SC
Columbus, GA-AL
Columbus, MS
Connecticut (statewide)
Decatur, IL
Des Moines, IA
Dothan, AL
Duluth—Superior, MN-WI
EL Paso—Alamogordo—Las Cruces, TX-NM
Eugene—Springfield—Medford, OR
Fayetteville, NC
Fort Lauderdale—Hollywood and West Palm Beach—Boca Raton, FL
Fort Smith, AR-OK
Fort Wayne, IN
Frederick—Hagerstown—Chambersburg, MD-PA
Gadsden and Anniston, AL
Goldsboro, NC
Grand Island—Hastings, NE
Guam, Territory of
Harrisburg—Lebanon, PA
Knoxville, TN
Laredo, TX
Las Vegas—Tonopah, NV
Lima, OH
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Lorain—Elyria, OH
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Madison, WI
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Mansfield, OH
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Melbourne—Titusville—Cocoa, FL
Meridian, MS
Middlesex, Monmouth, and Ocean Counties, NJ
Mobile—Pensacola—Panama City, AL-FL
Montana (statewide)
Montgomery, AL
Nashville—Davidson, TN
New Bern—Jacksonville, NC
New Hampshire (statewide)
North Dakota (statewide)
Northern New York
Northwest Texas
Orlando, FL
Oxnard—Simi Valley—Ventura, CA
Peoria, IL
Phoenix, AZ
Pine Bluff, AR
Portsmouth—Chillicothe—Gallipolis, OH
Pueblo, CO
Puerto Rico
Raleigh—Durham, NC
Reno, NV
Riverside—San Bernardino—Ontario, CA
Salina, KS
Salinas—Seaside—Monterey, CA
Sandusky, OH
Santa Barbara—Santa Maria—Lompoc, CA
Savannah, GA
Selma, AL
Sherman—Denison, TX
Shreveport, LA
South Dakota (statewide)
Southeastern Massachusetts
Southwest Virginia
Spokane, WA
Stockton, CA
Tacoma, WA
Tampa—St. Petersburg, FL
Topeka, KS
Tucson—Douglas, AZ
Tulsa, OK
Upper Peninsula, MI
Vallejo—Napa—Fairfield, CA
Vermont (statewide)
Waco and Killeen—Temple, TX
Waterloo—Cedar Falls, IA
West Virginia (statewide)
Western and Northern Massachusetts
Wichita Falls—Lawton—Altus, TX-OK
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Yakima—Richland—Kennewick—Pendleton, WA-OR

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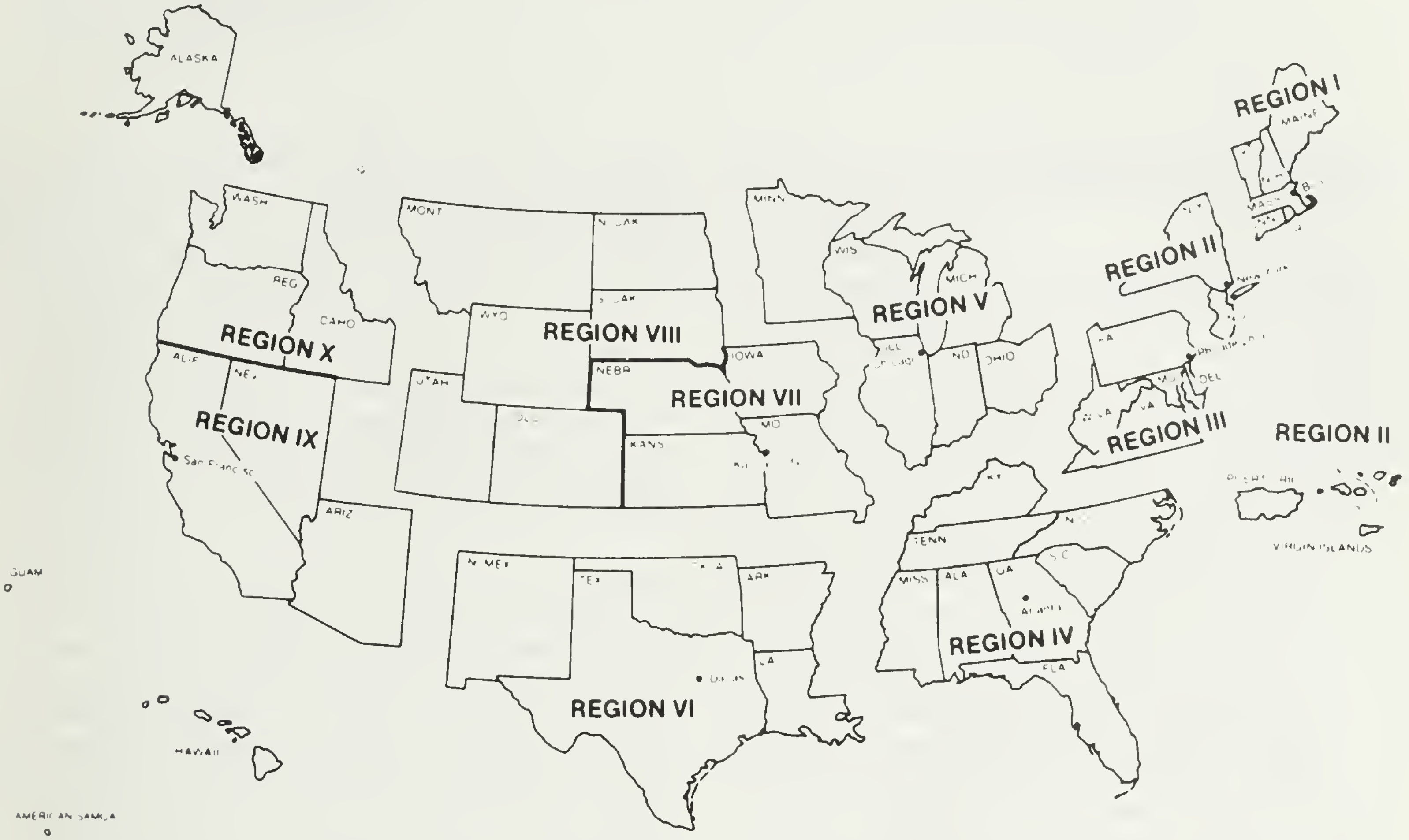

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1985

U.S. Department of Labor
Bureau of Labor Statistics
March 1986

Summary 86-1 (No. 3 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from August through December 1985. Data for another 47 areas were presented in earlier summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to provide enough data to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducted 89 wage surveys in 1985 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 23 areas, August-December 1985[1]

Occupation and level[2]	Anaheim-Santa Ana-Garden Grove, CA	Buffalo, NY	Columbus, OH	Dallas-Fort Worth, TX	Dayton, OH	Denver-Boulder, CO	Gary-Hammond-East Chicago, IN	Indianapolis, IN	Jacksonville, FL	Los Angeles-Long Beach, CA	Louisville, KY-IN
	October	October	October	December	December	December	November	October	December	October	November
Secretaries	$401.00	$329.50	$344.50	$381.00	$359.50	$381.00	$398.00	$366.50	$332.00	$421.50	$363.00
Secretaries I	351.50	278.50	288.50	306.00	393.00	334.50	278.00	331.50	291.00	365.00	308.50
Secretaries II	338.00	313.00	329.00	347.50	281.00	341.00	367.00	296.50	306.50	385.00	351.00
Secretaries III	406.50	341.00	331.50	389.00	351.00	374.50	455.50	368.00	363.50	423.50	368.50
Secretaries IV	460.50	361.00	382.50	454.50	349.50	427.00	453.00	421.50	440.00	477.00	438.00
Secretaries V	532.50	374.50	408.00	501.50	461.00	517.00	-	464.50	-	539.50	403.50
Stenographers	363.50	325.50	314.00	407.50	363.00	370.00	-	370.50	415.50	373.00	-
Stenographers I	-	-	-	392.00	-	-	-	346.00	-	354.00	-
Stenographers II	-	370.00	-	-	-	409.00	-	-	-	-	-
Transcribing-machine typists	-	-	-	257.50	-	-	-	-	-	-	-
Typists	248.50	235.50	274.50	248.50	303.00	280.00	326.50	237.50	214.50	326.50	240.00
Typists I	231.50	226.00	250.00	235.50	280.00	247.50	347.00	210.00	210.00	336.50	230.50
Typists II	281.00	254.50	308.00	276.50	320.50	314.50	-	262.00	-	316.50	-
Word processors	348.00	276.00	281.50	-	-	-	-	285.00	283.50	351.50	-
Word processors I	314.00	266.50	263.50	-	-	-	-	276.00	250.00	329.00	-
Word processors II	371.00	288.50	306.00	-	-	-	-	298.00	317.00	367.50	-
File clerks	227.00	198.00	189.50	211.50	260.00	235.00	-	183.50	184.00	238.50	200.50
File clerks I	220.50	188.50	170.50	203.50	231.00	205.00	-	172.00	182.50	218.50	196.50
File clerks II	-	-	222.00	235.50	-	253.00	-	196.00	-	293.00	-
File clerks III	-	-	-	-	-	288.50	-	-	-	-	-
Messengers	255.00	225.50	217.50	201.50	236.00	234.00	-	245.50	202.00	251.50	205.50
Receptionists	248.00	-	-	255.00	-	265.00	-	-	213.50	309.50	248.50
Switchboard operators	262.50	236.50	247.50	258.50	237.00	250.00	273.50	232.50	207.00	279.00	207.50
Switchboard operator-receptionists	263.00	226.50	239.00	264.00	241.50	270.00	232.50	223.50	224.50	279.50	247.50
Order clerks	310.50	301.50	296.50	305.00	302.00	312.50	335.50	337.00	291.50	331.00	330.00
Order clerks I	281.00	270.00	263.50	277.00	259.50	234.00	295.50	270.50	252.50	287.50	-
Order clerks II	366.50	365.50	327.00	349.50	335.00	430.00	-	396.00	-	377.50	350.50
Accounting clerks	318.50	263.50	264.50	297.50	274.00	301.00	383.00	276.50	278.50	334.00	290.00
Accounting clerks I	269.00	204.50	215.00	257.50	227.50	247.50	426.50	241.00	206.00	246.50	232.00
Accounting clerks II	303.00	250.00	256.00	279.00	265.50	276.00	363.50	261.00	275.00	318.50	258.00
Accounting clerks III	360.50	270.50	280.00	330.50	277.00	316.00	368.50	291.50	298.00	377.00	342.00
Accounting clerks IV	410.50	333.00	365.00	414.50	377.00	361.00	-	346.50	-	424.50	395.50
Payroll clerks	316.00	270.50	302.50	334.00	285.00	321.50	406.00	316.00	274.50	352.50	303.00
Key entry operators	291.50	269.50	260.00	275.00	258.50	297.50	387.00	258.00	268.50	298.50	240.50
Key entry operators I	269.50	242.00	239.50	263.00	238.00	263.00	383.00	240.00	256.50	292.50	234.50
Key entry operators II	319.50	313.00	280.00	313.00	294.00	331.50	-	302.00	298.00	307.50	293.00

See footnotes at end of table.

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Table 1. Continued—Average earnings for selected office occupations in 23 areas, August-December 1985[1]

Occupation and level[2]	Memphis, TN-AR-MS	Nassau-Suffolk, NY	New Orleans, LA	Omaha, NE-IA	Philadelphia, PA-NJ	Portland, ME	Sacramento, CA	Saginaw, MI	Salt Lake City-Ogden, UT	San Diego, CA	Seattle-Everett, WA	Trenton, NJ
	November	August	October	October	November	December	December	November	November	December	December	November
Secretaries	$328.50	$359.50	$354.50	$322.50	$364.50	$312.50	$387.50	$454.50	$337.00	$365.50	$418.00	$359.00
Secretaries I	269.00	293.00	302.00	285.50	292.50	257.50	336.50	397.00	268.50	290.00	-	313.50
Secretaries II	315.50	287.50	321.00	281.00	337.50	309.00	331.00	-	318.50	358.50	340.00	325.50
Secretaries III	345.50	363.50	361.00	295.50	359.00	328.50	386.00	452.50	335.50	376.00	398.50	373.00
Secretaries IV	368.00	407.00	423.50	426.00	412.00	354.50	432.50	-	394.50	442.00	473.00	408.50
Secretaries V	-	513.50	-	462.00	464.00	-	458.50	-	-	488.00	-	457.00
Stenographers	-	-	372.00	415.00	348.00	-	-	-	-	327.00	-	351.00
Stenographers I	-	-	367.50	-	327.50	-	-	-	-	-	-	356.50
Stenographers II	-	-	-	-	446.50	-	-	-	-	-	-	-
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-	-
Typists	238.00	223.00	239.00	238.50	279.00	197.50	264.00	-	224.00	281.50	296.50	247.50
Typists I	201.00	216.00	225.50	195.00	251.00	-	-	-	222.00	226.00	237.00	247.50
Typists II	-	255.50	-	286.00	323.00	-	277.00	-	235.50	311.50	382.50	247.50
Word processors	286.50	293.50	292.00	-	293.00	245.00	-	-	279.00	-	323.00	283.00
Word processors I	289.00	259.00	-	-	272.00	242.00	-	-	252.50	-	292.00	271.50
Word processors II	278.00	335.00	304.00	-	303.50	-	-	-	320.50	-	346.50	-
File clerks	197.50	197.00	193.00	213.00	203.50	182.00	174.00	180.00	190.00	233.00	214.00	200.50
File clerks I	178.50	189.00	190.00	170.00	194.50	-	167.00	179.50	176.50	209.50	204.50	-
File clerks II	265.50	209.50	-	244.00	206.00	204.50	-	-	-	277.00	-	-
File clerks III	-	-	-	-	299.50	-	-	-	-	-	-	-
Messengers	210.00	213.50	214.00	-	251.00	205.00	-	-	207.00	248.50	308.50	220.00
Receptionists	-	228.00	-	-	238.50	-	-	-	234.50	242.50	308.50	276.00
Switchboard operators	232.00	263.00	210.50	278.50	280.50	245.00	266.00	-	227.50	248.00	272.50	-
Switchboard operator-receptionists	218.00	241.00	239.00	228.50	252.00	227.00	235.50	223.00	229.00	234.00	267.00	258.50
Order clerks	242.00	245.50	269.00	286.50	291.00	238.00	314.00	286.00	287.00	306.50	326.00	326.00
Order clerks I	241.00	240.00	215.00	257.50	267.50	238.00	301.00	272.00	271.50	263.50	303.50	301.50
Order clerks II	-	-	-	-	331.50	-	-	-	336.00	363.00	-	349.00
Accounting clerks	267.50	269.50	283.00	285.00	280.50	257.50	323.50	296.00	272.00	284.00	323.50	291.50
Accounting clerks I	221.00	211.50	219.50	234.50	240.00	200.00	254.00	234.00	254.00	240.50	245.50	-
Accounting clerks II	261.00	250.00	282.50	281.50	283.50	261.50	346.00	283.00	240.50	263.00	282.00	251.50
Accounting clerks III	304.50	292.50	321.00	286.00	309.00	291.00	313.50	-	308.50	317.50	357.00	342.50
Accounting clerks IV	361.00	356.50	418.00	314.50	370.50	-	353.50	-	378.00	402.50	448.50	-
Payroll clerks	294.50	291.50	303.00	308.00	289.50	287.00	319.50	370.00	305.00	293.00	350.50	290.50
Key entry operators	249.50	259.50	258.50	245.50	270.00	248.50	275.00	333.00	270.50	264.00	268.50	271.50
Key entry operators I	244.50	246.50	247.00	229.50	248.50	225.50	279.00	302.00	253.00	251.00	252.50	253.50
Key entry operators II	337.00	302.00	294.50	317.50	306.00	301.50	272.50	-	305.50	300.00	344.00	295.50

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 23 areas, August-December 1985[1]

Occupation and level[2]	Anaheim–Santa Ana–Garden Grove, CA	Buffalo, NY	Columbus, OH	Dallas–Fort Worth, TX	Dayton, OH	Denver–Boulder, CO	Gary–Hammond–East Chicago, IN	Indianapolis, IN	Jacksonville, FL	Los Angeles–Long Beach, CA	Louisville, KY–IN
	October	October	October	December	December	December	November	October	December	October	November
Computer systems analysts (business)	$632.50	$553.00	$631.00	$669.00	$617.50	$624.50	$642.50	$618.50	$613.00	$662.00	$640.00
Computer systems analysts (business) I	515.50	-	521.00	562.00	499.00	499.00	-	511.50	491.00	535.00	520.00
Computer systems analysts (business) II	614.00	534.00	632.50	664.50	569.50	617.00	-	629.00	612.50	646.50	610.50
Computer systems analysts (business) III	721.00	617.50	726.00	753.00	679.00	726.50	-	725.00	714.50	778.00	777.50
Computer programmers (business)	537.00	448.00	451.00	504.50	499.50	548.50	559.00	408.00	485.00	532.00	491.50
Computer programmers (business) I	442.50	388.00	378.00	425.50	402.00	426.00	-	333.00	378.00	424.50	373.50
Computer programmers (business) II	507.00	421.50	476.50	518.50	494.50	513.50	485.50	412.00	460.50	542.00	495.50
Computer programmers (business) III	664.00	511.00	530.00	633.50	575.00	633.00	-	546.50	556.50	609.50	589.00
Computer operators	379.00	350.50	340.00	350.00	348.50	410.00	421.00	339.50	330.50	406.00	334.00
Computer operators I	341.50	-	281.50	291.50	304.50	290.50	311.50	267.00	315.50	352.50	283.50
Computer operators II	387.50	338.00	339.50	361.00	327.50	386.00	403.50	342.00	363.50	410.50	391.50
Computer operators III	448.50	-	410.50	435.00	435.50	491.50	-	415.00	-	465.00	448.50
Peripheral equipment operators	-	-	-	258.50	-	-	-	-	240.00	-	-
Computer data librarians	344.00	-	291.00	289.00	-	-	-	-	-	343.50	-
Drafters	436.50	423.50	390.50	423.50	450.00	403.00	464.00	494.00	367.00	451.00	486.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-
Drafters II	324.50	-	335.00	319.00	277.50	319.50	-	-	288.50	283.50	327.00
Drafters III	418.50	362.50	379.00	369.50	358.00	395.00	-	410.00	391.00	382.50	378.50
Drafters IV	499.50	437.50	401.50	458.50	406.00	461.00	546.50	481.50	-	472.00	503.50
Drafters V	561.50	499.00	443.50	556.50	594.50	502.00	-	601.50	-	-	642.50
Electronics technicians	552.50	446.50	442.50	490.00	440.50	499.00	573.00	477.00	-	540.50	405.50
Electronics technicians I	-	-	-	362.00	357.00	327.50	-	-	-	403.50	-
Electronics technicians II	566.00	-	426.50	505.00	394.50	506.50	-	525.00	-	570.00	401.00
Electronics technicians III	559.50	-	479.50	541.00	487.00	579.50	-	508.50	-	538.00	-
Registered industrial nurses	-	487.50	454.50	505.00	546.50	506.00	462.00	506.00	-	542.00	510.50

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 23 areas, August-December 1985[1]

Occupation and level[2]	Memphis, TN-AR-MS	Nassau-Suffolk, NY	New Orleans, LA	Omaha, NE-IA	Philadelphia, PA-NJ	Portland, ME	Sacramento, CA	Saginaw, MI	Salt Lake City-Ogden, UT	San Diego, CA	Seattle-Everett, WA	Trenton, NJ
	November	August	October	October	November	December	December	November	November	December	December	November
Computer systems analysts (business)	$572.50	$658.00	$604.50	$622.00	$585.50	$574.50	$568.50	-	$655.50	$648.50	$571.00	$605.00
Computer systems analysts (business) I	475.50	471.50	-	-	438.00	-	-	-	543.50	560.00	485.50	481.50
Computer systems analysts (business) II	584.00	628.50	590.00	628.00	571.50	576.00	585.50	-	641.00	666.00	552.00	590.50
Computer systems analysts (business) III	690.00	759.00	-	731.00	689.00	650.00	-	-	747.50	771.00	686.50	714.50
Computer programmers (business)	414.00	494.50	511.50	491.00	484.50	442.50	462.50	$413.50	487.50	494.50	461.50	456.50
Computer programmers (business) I	332.50	380.50	397.00	403.50	403.50	353.50	-	327.00	414.00	-	377.50	-
Computer programmers (business) II	421.50	496.50	502.00	500.00	482.00	445.50	461.50	398.50	474.50	490.50	486.50	430.50
Computer programmers (business) III	510.00	602.00	-	582.50	586.00	-	-	-	636.50	595.50	503.50	579.00
Computer operators	328.00	351.50	328.50	367.00	345.00	333.50	349.00	373.50	383.00	365.00	402.50	362.00
Computer operators I	290.50	256.00	308.00	333.00	280.50	250.00	-	272.50	270.50	296.00	365.00	285.00
Computer operators II	347.50	347.50	335.50	364.50	352.00	347.00	403.50	379.50	352.00	350.50	391.50	381.00
Computer operators III	-	441.00	-	405.00	419.50	438.00	-	-	523.50	415.00	476.50	-
Peripheral equipment operators	-	-	-	-	253.50	-	-	-	-	-	-	-
Computer data librarians	-	264.50	-	-	299.50	-	-	-	-	-	305.00	-
Drafters	374.00	424.50	431.50	407.00	401.00	-	465.50	-	436.50	406.50	-	463.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-	-
Drafters II	326.00	305.50	348.50	-	266.50	-	-	-	285.00	274.50	-	-
Drafters III	382.00	402.00	369.50	353.00	366.00	-	-	-	379.00	347.00	374.00	-
Drafters IV	401.00	416.00	484.00	418.00	437.00	-	-	-	443.00	450.50	-	395.50
Drafters V	-	554.00	561.00	487.50	540.50	-	-	-	579.00	503.00	-	576.00
Electronics technicians	-	387.00	518.00	-	560.00	-	603.50	-	409.50	444.00	576.50	492.50
Electronics technicians I	-	279.50	-	-	-	-	-	-	315.50	324.00	-	-
Electronics technicians II	-	385.50	-	-	-	-	-	-	400.00	466.50	-	486.50
Electronics technicians III	-	457.50	550.50	-	501.00	-	-	-	488.50	457.00	601.50	-
Registered industrial nurses	-	418.00	-	-	476.00	-	-	-	-	-	-	-

[1] See footnote 1, table 1.
[2] See footnote 2, table 1.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, August-December 1985[1]

Occupation	Anaheim-Santa Ana-Garden Grove, CA	Buffalo, NY	Columbus, OH	Dallas-Fort Worth, TX	Dayton, OH	Denver-Boulder, CO	Gary-Hammond-East Chicago, IN	Indianapolis, IN	Jacksonville, FL	Los Angeles-Long Beach, CA	Louisville, KY-IN
	October	October	October	December	December	December	November	October	December	October	November
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$12.29	$11.76	$12.11	$11.36	$14.33	$12.41	$13.20	$14.22	-	$13.71	$12.60
Maintenance electricians	13.52	13.76	13.50	13.23	14.68	14.01	14.20	14.43	$13.55	14.03	13.99
Maintenance painters	12.42	12.92	-	12.10	14.07	11.53	-	13.53	-	13.47	12.57
Maintenance machinists	11.62	12.57	12.31	12.39	11.58	13.50	14.14	12.74	14.00	16.13	13.25
Maintenance mechanics (machinery)	11.97	13.47	12.11	12.49	13.83	12.60	14.18	13.98	11.84	13.22	14.53
Maintenance pipefitters	-	13.92	13.85	-	15.36	-	13.66	14.27	-	-	13.84
Millwrights	-	13.68	14.10	11.20	15.19	-	-	15.02	-	-	-
Motor vehicle mechanics	13.52	11.94	13.04	12.45	11.29	12.52	13.61	12.74	10.97	14.18	11.47
Maintenance workers (general)	8.98	8.87	8.33	7.34	8.69	8.83	9.00	8.24	6.60	9.09	7.20
Maintenance trades helpers	6.31	8.32	7.85	-	-	8.43	-	8.39	-	8.87	-
Machine-tool operators (toolroom)	13.83	14.56	13.78	13.27	15.32	12.90	-	-	-	-	-
Tool and die makers	13.21	14.10	14.49	14.17	15.03	13.93	14.19	14.18	-	14.87	-
Stationary engineers	13.54	13.28	12.69	12.93	14.69	13.88	13.09	13.83	13.52	16.16	12.90
Material movement and custodial											
Truckdrivers[2]	10.92	11.52	11.53	9.83	10.51	10.27	12.42	12.40	8.52	10.89	10.83
Truckdrivers, light truck	5.99	7.35	6.58	5.50	9.73	5.97	-	11.59	4.54	5.81	7.96
Truckdrivers, medium truck	11.11	12.84	11.39	10.22	7.65	10.70	12.41	-	9.72	11.43	12.10
Truckdrivers, heavy truck	10.24	11.59	11.41	7.94	10.99	10.89	11.65	11.56	7.72	10.83	9.13
Truckdrivers, tractor-trailer	12.81	11.56	12.58	10.83	11.22	11.09	12.64	12.89	10.34	12.50	11.85
Shippers	8.46	8.98	8.40	7.77	5.52	9.30	12.91	9.42	9.46	9.27	9.35
Receivers	8.74	9.80	9.55	8.88	6.86	7.99	9.44	8.12	7.45	8.88	10.85
Shippers and receivers	7.59	9.06	7.85	8.00	9.19	8.63	-	7.38	7.11	8.22	8.28
Warehousemen	8.62	11.21	8.70	9.50	8.63	10.69	11.18	9.44	8.22	8.06	10.00
Order fillers	11.56	9.12	6.90	7.61	-	10.22	-	10.09	7.00	-	8.74
Shipping packers	6.71	11.37	9.54	6.01	10.82	-	-	6.59	6.33	5.35	7.68
Material handling laborers	9.20	10.74	9.12	8.51	8.79	9.44	6.20	11.17	7.90	9.36	8.96
Forklift operators	10.45	10.97	9.33	9.83	11.53	11.45	11.59	10.65	9.82	10.31	10.45
Power-truck operators (other than forklift)	-	-	-	12.36	-	-	11.42	11.09	-	-	-
Guards	5.95	5.20	4.83	5.62	6.49	5.29	7.26	6.00	4.15	6.16	4.80
Guards I	4.97	5.10	4.55	5.44	6.24	4.29	6.19	5.72	4.00	5.45	4.45
Guards II	10.35	-	-	10.22	-	7.20	10.34	10.58	-	11.60	-
Janitors, porters, and cleaners	5.47	4.91	5.04	4.99	7.17	5.08	6.67	5.59	3.88	6.26	5.76

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, August-December 1985[1]

Occupation	Memphis, TN-AR-MS	Nassau-Suffolk, NY	New Orleans, LA	Omaha, NE-IA	Philadelphia, PA-NJ	Portland, ME	Sacramento, CA	Saginaw, MI	Salt Lake City-Ogden, UT	San Diego, CA	Seattle-Everett, WA	Trenton, NJ
	November	August	October	October	November	December	December	November	November	December	December	November
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$12.35	$11.93	$10.82	$9.83	$12.99	-	-	-	$11.64	$13.41	$14.17	$11.40
Maintenance electricians	13.19	13.20	12.90	12.41	13.21	-	$14.01	-	12.73	14.56	14.74	12.83
Maintenance painters	-	11.06	-	-	11.94	-	11.53	-	-	13.03	-	12.06
Maintenance machinists	11.89	14.08	13.68	13.38	13.20	$11.83	14.65	-	12.20	13.82	-	10.59
Maintenance mechanics (machinery)	12.07	11.51	13.32	11.24	12.71	11.11	12.80	-	10.70	13.25	14.32	12.07
Maintenance pipefitters	-	-	13.76	-	13.84	-	-	-	-	-	-	13.04
Millwrights	-	-	-	-	13.22	-	-	-	-	-	-	-
Motor vehicle mechanics	11.24	11.19	11.48	11.64	12.88	11.53	14.26	-	11.77	15.38	14.68	10.54
Maintenance workers (general)	6.77	8.34	6.64	6.96	9.67	7.58	6.76	$9.39	8.30	7.89	9.77	8.85
Maintenance trades helpers	-	-	9.48	-	11.87	-	-	-	8.87	-	-	-
Machine-tool operators (toolroom)	-	11.27	-	-	11.05	-	-	-	-	13.68	-	-
Tool and die makers	11.40	12.40	-	-	13.29	12.76	-	-	13.19	13.79	-	-
Stationary engineers	13.01	14.32	12.58	10.85	12.22	-	14.46	-	13.30	-	14.40	11.90
Material movement and custodial												
Truckdrivers[2]	8.51	12.29	8.79	10.08	12.01	9.32	12.81	11.64	9.95	12.85	13.04	10.32
Truckdrivers, light truck	-	7.34	-	7.19	7.34	5.85	6.08	-	6.25	5.56	7.66	-
Truckdrivers, medium truck	8.08	10.54	8.16	8.44	10.69	6.53	-	12.62	9.58	12.79	13.73	11.32
Truckdrivers, heavy truck	-	12.02	-	9.88	11.43	-	-	-	11.08	15.29	15.61	-
Truckdrivers, tractor-trailer	9.52	13.56	10.38	11.04	12.69	10.07	14.31	11.26	11.10	12.47	13.38	9.60
Shippers	8.51	7.20	6.39	7.86	9.94	7.41	12.00	-	7.11	9.08	7.97	7.93
Receivers	8.44	7.85	7.05	6.83	9.94	7.23	12.58	-	8.00	10.18	11.04	8.52
Shippers and receivers	7.53	6.91	7.38	7.79	8.16	7.31	-	10.03	7.43	7.11	11.28	-
Warehousemen	8.33	8.54	8.32	9.49	10.31	-	11.97	9.34	7.74	8.45	9.32	10.16
Order fillers	5.08	7.69	6.43	7.06	9.49	4.74	-	-	8.21	-	-	-
Shipping packers	-	5.77	-	6.55	6.43	5.66	-	-	6.31	-	-	-
Material handling laborers	8.44	8.14	6.14	10.16	9.66	6.69	9.37	-	11.11	8.51	9.46	7.74
Forklift operators	8.34	11.38	8.29	9.35	10.30	7.96	11.20	-	9.46	11.05	11.75	10.32
Power-truck operators (other than forklift)	-	-	-	-	-	-	-	-	-	-	-	-
Guards	4.26	5.76	4.22	4.21	4.45	-	5.52	8.85	4.43	4.99	5.13	8.95
Guards I	4.17	5.48	4.22	4.04	4.17	-	-	8.85	4.30	4.43	5.07	9.01
Guards II	-	-	-	-	5.13	-	-	-	-	-	-	-
Janitors, porters, and cleaners	3.89	5.94	3.93	5.03	6.59	6.47	6.51	-	4.47	5.21	6.93	-

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas, 12-month period ended in 1985

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Buffalo	4.7	3.9	3.4	3.6	4.4	-	-	3.3	3.6	4.0	4.9	-	-	4.9
Nassau-Suffolk	5.6	5.6	2.4	4.7	4.9	5.9	7.5	-	5.2	5.8	5.3	4.4	-	4.7
Philadelphia	4.5	5.0	3.5	3.5	2.4	4.4	5.2	2.7	3.6	2.7	4.5	4.9	-	2.2
Portland	4.9	4.9	-	4.6	5.0	-	-	-	4.9	4.9	5.2	-	-	5.2
Trenton	4.8	4.9	-	3.9	-	-	-	-	3.9	5.1	-	-	-	-
South														
Dallas-Fort Worth	5.3	5.6	5.6	3.1	2.0	4.9	4.1	6.0	2.7	.2	5.4	6.1	-	2.7
Jacksonville	4.9	5.1	-	3.4	2.7	-	-	-	3.8	5.0	4.8	5.1	-	2.4
Louisville	4.4	4.1	6.8	3.2	4.0	-	-	6.8	3.1	4.2	4.5	4.3	-	3.6
Memphis	5.6	5.7	-	3.6	3.0	-	-	-	3.7	3.6	5.8	5.7	-	2.9
New Orleans	3.9	5.1	-	2.8	1.6	-	-	-	3.0	.7	4.0	5.5	-	1.7
Midwest														
Columbus	5.2	5.2	4.6	3.2	2.4	4.7	-	-	3.4	3.6	5.4	6.4	-	2.0
Dayton	4.0	5.2	5.3	2.4	2.6	3.9	5.5	5.3	2.4	3.0	4.1	4.8	-	-
Gary-Hammond-East Chicago	-	-	2.3	4.0	-	-	-	2.3	4.0	-	-	-	-	-
Indianapolis	4.4	4.4	4.6	3.3	3.6	-	3.4	4.8	3.1	3.9	4.7	4.8	-	3.3
Omaha	4.2	2.5	-	3.4	2.9	-	-	-	3.5	2.7	3.8	2.3	-	3.0
Saginaw	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West														
Anaheim-Santa Ana-Garden Grove	4.6	4.3	7.2	4.4	2.2	4.3	4.1	-	4.5	2.8	4.8	4.4	-	2.0
Denver-Boulder	2.6	3.9	4.2	2.9	.9	4.6	4.1	-	2.3	3.1	1.7	3.8	-	.4
Los Angeles-Long Beach	4.5	5.5	6.1	3.3	-1.0	4.4	5.5	4.7	3.3	-	4.5	5.5	-	-2.1
Sacramento	4.9	-	-	2.8	-	-	-	-	1.8	-.6	5.2	-	-	-
Salt Lake City-Ogden	4.2	5.4	-	3.1	2.8	3.6	6.5	-	2.9	4.4	4.5	5.1	-	2.5
San Diego	3.9	3.7	3.5	4.2	2.6	2.9	5.1	3.4	4.6	-	4.7	3.1	-	3.1
Seattle-Everett	.9	2.4	-	2.4	-4.0	-	-	-	-	-	.6	1.3	-	-3.6

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from: Bureau of Labor Statistics, Publications Sales Center, P.O. Box 2145, Chicago, IL 60690, or Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Albany—Schenectady—Troy, NY
Anaheim—Santa Ana—Garden Grove, CA
Atlanta, GA

Baltimore, MD
Billings, MT
Boston, MA
Buffalo, NY

Chattanooga, TN-GA
Chicago, IL
Cincinnati, OH-KY-IN
Cleveland, OH
Columbus, OH
Corpus Christi, TX

Dallas—Fort Worth, TX
Davenport—Rock Island—Moline, IA-IL
Dayton, OH
Daytona Beach, FL
Denver—Boulder, CO
Detroit, MI

Fresno, CA

Gainesville, FL
Gary—Hammond—East Chicago, IN
Green Bay, WI
Greensboro—Winston-Salem—High Point, NC
Greenville—Spartanburg, SC

Hartford, CN
Houston, TX
Huntsville, AL

Indianapolis, IN

Jackson, MS
Jacksonville, FL

Kansas City, MO-KS

Los Angeles—Long Beach, CA
Louisville, KY-IN

Memphis, TN-AR-MS
Miami, FL
Milwaukee, WI
Minneapolis—St. Paul, MN-WI

Nassau—Suffolk, NY
Newark, NJ
New Orleans, LA
New York, NY-NJ
Norfolk—Virginia Beach—
  Portsmouth, VA-NC
Northeast Pennsylvania

Oklahoma City, OK
Omaha, NE-IA

Paterson—Clifton—Passaic, NJ
Philadelphia, PA-NJ
Pittsburgh, PA
Portland, ME
Portland, OR-WA
Poughkeepsie, NY
Providence—Warwick—
  Pawtucket, RI-MA

Richmond, VA

St. Louis, MO-IL
Sacramento, CA
Saginaw, MI
Salt Lake City—Ogden, UT
San Antonio, TX
San Diego, CA
San Francisco—Oakland, CA
San Jose, CA
Seattle—Everett, WA
South Bend, IN

Toledo, OH-MI
Trenton, NJ

Washington, DC-MD-VA
Wichita, KS
Worcester, MA

York, PA

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
Albany, GA
Albuquerque, NM
Alexandria—Leesville, LA
Alpena—Standish—Tawas City, MI
Ann Arbor, MI
Asheville, NC
Atlantic City, NJ
Augusta, GA-SC
Austin, TX
Bakersfield, CA
Baton Rouge, LA
Battle Creek, MI
Beaumont—Port Arthur—Orange and Lake Charles, TX-LA
Biloxi—Gulfport and Pascagoula—Moss Point, MS
Binghamton, NY
Birmingham, AL
Bloomington—Vincennes, IN
Bremerton—Shelton, WA
Brunswick, GA
Champaign—Urbana—Rantoul, IL
Charleston—North Charleston—Walterboro, SC
Charlotte—Gastonia, NC
Cheyenne, WY
Clarksville—Hopkinsville, TN-KY
Colorado Springs, CO
Columbia—Sumter, SC
Columbus, GA-AL
Columbus, MS
Connecticut (statewide)
Decatur, IL
Des Moines, IA
Dothan, AL
Duluth—Superior, MN-WI
EL Paso—Alamogordo—Las Cruces, TX-NM
Eugene—Springfield—Medford, OR
Fayetteville, NC
Fort Lauderdale—Hollywood and West Palm Beach—Boca Raton, FL
Fort Smith, AR-OK
Fort Wayne, IN
Frederick—Hagerstown—Chambersburg, MD-PA
Gadsden and Anniston, AL
Goldsboro, NC
Grand Island—Hastings, NE
Guam, Territory of
Harrisburg—Lebanon, PA
Knoxville, TN
Laredo, TX
Las Vegas—Tonopah, NV
Lima, OH
Little Rock—North Little Rock, AR
Logansport—Peru, IN
Lorain—Elyria, OH
Lower Eastern Shore, MD-VA-DE
Macon, GA
Madison, WI
Maine (statewide)
Mansfield, OH
McAllen—Pharr—Edinburg and Brownsville—Harlingen—San Benito, TX
Melbourne—Titusville—Cocoa, FL
Meridian, MS
Middlesex, Monmouth, and Ocean Counties, NJ
Mobile—Pensacola—Panama City, AL-FL
Montana (statewide)
Montgomery, AL
Nashville—Davidson, TN
New Bern—Jacksonville, NC
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Selma, AL
Sherman—Denison, TX
Shreveport, LA
South Dakota (statewide)
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Spokane, WA
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Tucson—Douglas, AZ
Tulsa, OK
Upper Peninsula, MI
Vallejo—Napa—Fairfield, CA
Vermont (statewide)
Waco and Killeen—Temple, TX
Waterloo—Cedar Falls, IA
West Virginia (statewide)
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Wichita Falls—Lawton—Altus, TX-OK
Wilmington, DE-NJ-MD
Yakima—Richland—Kennewick—Pendleton, WA-OR

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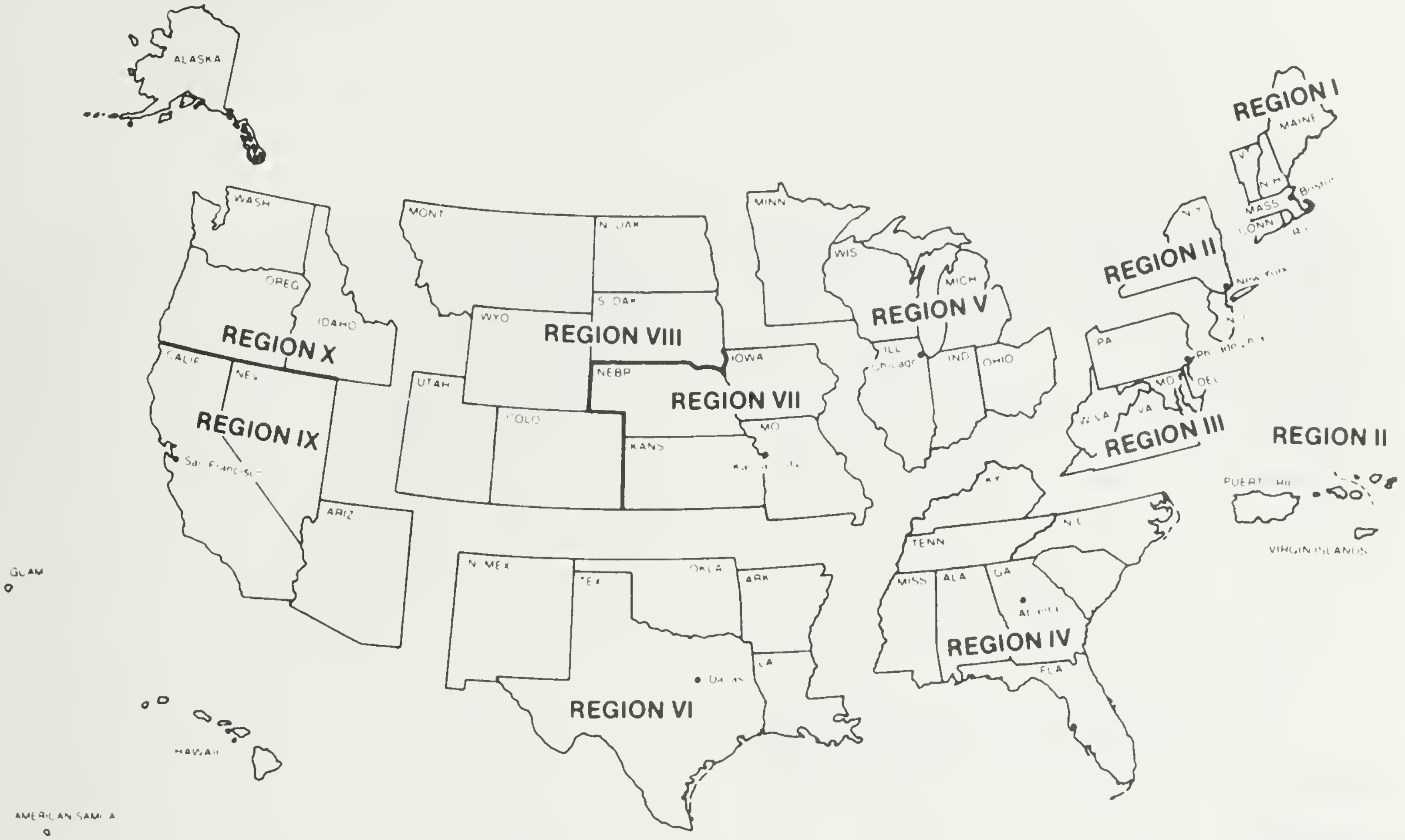

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1986

U.S. Department of Labor
Bureau of Labor Statistics
September 1986

Summary 86-8 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 24 areas surveyed from January through June 1986. Data for the remaining 46 areas surveyed in 1986 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau will conduct approximately 90 wage surveys in 1986 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ	New York, NY-NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Secretaries	$406.00	$389.00	$466.50	$470.00	$324.00	$422.00	$349.50	$331.50	$366.50	$361.50	$401.00	$405.00
Secretaries I	325.00	333.50	249.50	428.50	292.50	337.50	302.00	268.00	340.50	-	334.50	318.00
Secretaries II	352.50	348.50	363.00	365.50	319.00	386.50	321.50	296.00	336.00	330.00	391.50	355.00
Secretaries III	416.00	383.00	496.50	480.00	330.50	425.50	364.00	356.50	357.00	351.50	396.00	390.00
Secretaries IV	443.00	430.00	531.50	450.00	388.00	490.00	387.00	456.50	430.00	385.00	440.00	455.50
Secretaries V	514.50	504.50	-	612.50	-	548.50	-	-	479.50	450.50	478.00	520.50
Stenographers	430.00	394.50	-	424.00	-	392.50	-	-	387.50	384.00	-	354.00
Stenographers I	371.50	432.00	-	354.00	-	382.00	-	-	341.00	399.00	-	304.50
Stenographers II	-	344.50	-	460.00	-	-	-	-	395.50	-	-	373.50
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-	-
Typists	268.50	259.50	366.50	272.00	235.50	281.50	-	229.50	289.00	250.00	254.50	262.50
Typists I	263.50	240.50	234.00	243.00	-	275.50	214.50	229.50	264.00	229.00	235.00	242.00
Typists II	-	292.00	443.50	337.00	-	297.50	-	-	314.00	305.00	309.00	293.00
Word processors	322.00	324.50	286.50	340.50	276.00	358.50	300.50	226.00	319.00	314.00	317.50	331.00
Word processors I	301.00	306.00	258.50	294.50	262.50	316.50	286.50	224.50	286.50	284.00	298.00	303.50
Word processors II	353.00	341.00	318.00	410.00	294.50	385.00	-	-	345.50	337.00	368.50	353.50
File clerks	236.00	221.50	205.00	214.50	200.00	242.00	-	198.00	235.00	212.00	221.00	222.50
File clerks I	215.50	199.50	183.50	197.00	192.50	225.50	-	193.50	218.00	189.50	199.00	204.00
File clerks II	275.50	250.50	-	-	-	277.50	-	-	236.50	227.00	232.00	230.00
File clerks III	-	268.00	-	-	-	-	-	-	265.00	-	-	277.00
Messengers	233.50	236.50	-	299.00	-	247.00	-	189.50	227.50	227.50	252.50	223.00
Receptionists	290.00	261.50	-	289.50	-	288.00	-	-	238.00	246.50	293.50	269.50
Switchboard operators	268.50	262.50	-	285.50	241.00	256.00	234.50	228.00	259.00	270.50	276.00	282.50
Switchboard operator-receptionists	259.00	262.50	247.50	272.00	253.00	265.50	244.00	243.00	249.50	269.50	272.00	290.50
Order clerks	309.50	317.00	406.00	320.00	298.50	327.50	-	-	263.50	317.50	300.50	284.50
Order clerks I	280.00	266.50	-	268.50	256.50	289.00	-	267.50	257.50	276.50	260.50	269.00
Order clerks II	336.00	380.00	-	476.50	341.00	380.00	-	-	273.00	380.50	373.50	325.50
Accounting clerks	308.00	303.50	352.50	329.00	263.50	333.50	261.00	271.50	299.00	300.50	302.50	322.50
Accounting clerks I	258.50	240.00	-	257.00	250.50	300.50	209.50	224.50	246.00	236.50	241.50	250.00
Accounting clerks II	287.00	283.00	316.00	290.50	252.00	307.50	243.50	277.00	280.00	269.50	283.50	304.50
Accounting clerks III	326.50	343.50	443.50	342.50	299.00	368.50	277.50	284.00	325.50	320.50	341.00	339.00
Accounting clerks IV	420.50	400.50	464.00	556.00	-	445.50	374.00	337.50	382.50	395.00	399.00	415.50
Payroll clerks	313.50	325.50	374.50	361.50	268.50	359.50	277.00	276.50	317.00	328.00	322.00	339.50
Key entry operators	280.00	286.50	371.00	280.50	236.50	308.00	303.50	269.00	299.50	284.50	267.00	294.50
Key entry operators I	272.00	267.50	250.00	260.00	234.00	294.50	308.50	261.50	289.50	265.50	242.50	280.50
Key entry operators II	338.00	320.50	413.00	343.50	257.50	330.00	-	-	304.50	303.50	305.00	314.00

See footnotes at end of table.

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Table 1. Continued—Average earnings for selected office occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Norfolk–Virginia Beach–Portsmouth, VA–NC	Pittsburgh, PA	Providence–Warwick–Pawtucket, RI–MA	Richmond, VA	St. Louis, MO–IL	San Francisco–Oakland, CA	San Jose, CA	Toledo, OH–MI	Washington, DC–MD–VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Secretaries	$306.50	$367.00	$324.50	$345.00	$359.00	$423.00	$434.00	$414.00	$392.50	$397.00	$351.50	$313.50
Secretaries I	252.50	340.50	264.00	307.50	298.50	350.00	348.50	–	321.50	355.50	265.50	253.50
Secretaries II	275.00	311.50	318.50	283.50	309.50	389.00	388.00	310.00	346.00	326.50	313.50	277.00
Secretaries III	321.50	373.00	320.00	346.00	358.00	396.00	419.00	380.00	396.50	404.00	355.50	341.00
Secretaries IV	334.00	407.00	373.50	391.50	413.50	449.00	451.00	417.00	435.50	456.50	403.50	359.00
Secretaries V	458.00	471.50	425.00	453.00	496.00	529.00	524.00	533.50	484.00	466.00	450.00	–
Stenographers	–	349.50	257.00	355.00	327.50	–	–	400.00	–	–	–	320.00
Stenographers I	–	358.00	257.00	–	293.00	404.00	–	391.50	–	–	–	–
Stenographers II	–	321.50	–	–	363.00	–	–	–	–	–	–	317.00
Transcribing-machine typists	–	–	–	–	–	–	–	–	–	–	–	–
Typists	238.00	277.50	216.50	250.50	266.00	291.50	355.50	310.50	276.50	281.50	–	277.50
Typists I	235.00	270.00	213.00	247.00	255.50	271.00	301.50	266.50	265.00	253.00	–	256.50
Typists II	–	297.50	–	262.50	284.00	340.50	–	422.00	305.50	–	–	–
Word processors	249.50	319.00	265.50	289.00	287.50	380.50	401.50	316.50	344.50	317.50	278.00	298.00
Word processors I	235.50	295.50	–	277.00	258.50	371.00	359.00	329.00	308.00	–	257.00	293.50
Word processors II	273.50	348.50	–	314.50	320.50	393.00	416.00	301.50	367.50	332.00	312.00	–
File clerks	223.00	241.50	197.00	205.50	195.00	260.50	197.50	210.00	244.00	239.50	203.00	208.00
File clerks I	–	204.00	176.00	190.50	177.00	224.50	–	203.50	236.50	205.00	192.00	–
File clerks II	–	–	218.50	–	209.50	283.00	–	–	258.00	233.00	–	–
File clerks III	–	–	–	–	–	311.00	–	–	–	–	–	–
Messengers	–	238.50	200.00	216.00	227.50	291.00	–	235.00	260.00	–	223.00	–
Receptionists	222.50	262.00	–	258.00	281.50	280.00	311.00	–	255.50	–	–	–
Switchboard operators	226.50	264.00	248.50	247.00	259.50	316.00	281.00	280.00	241.50	288.50	274.50	–
Switchboard operator-receptionists	216.50	259.50	235.00	239.50	238.00	297.50	286.00	257.00	281.00	222.50	260.50	234.50
Order clerks	225.00	324.00	254.00	324.00	277.50	354.50	393.50	278.00	328.50	274.00	294.00	287.00
Order clerks I	224.50	247.00	242.50	273.50	243.50	308.00	–	242.50	295.00	238.50	268.50	222.50
Order clerks II	–	384.50	290.00	367.00	313.00	464.50	–	–	–	–	324.50	362.50
Accounting clerks	250.50	298.50	268.00	283.50	306.00	367.50	351.50	317.50	306.00	324.00	300.50	249.50
Accounting clerks I	227.50	236.00	228.00	230.00	208.00	344.00	–	241.00	241.50	229.50	229.50	204.00
Accounting clerks II	234.50	291.50	255.50	268.00	280.50	332.50	325.50	307.50	283.00	286.00	270.00	260.00
Accounting clerks III	293.50	344.00	307.00	314.50	352.50	384.00	356.00	356.00	327.50	365.50	338.50	325.00
Accounting clerks IV	–	420.50	395.00	382.50	452.00	440.50	402.00	495.00	396.50	416.50	–	–
Payroll clerks	259.50	366.50	279.00	290.50	325.50	372.50	382.00	341.00	316.00	299.00	310.00	269.50
Key entry operators	232.00	280.50	246.50	246.00	248.00	333.00	364.50	278.00	269.50	299.50	259.00	235.00
Key entry operators I	226.50	264.50	242.00	241.00	229.50	304.50	293.00	251.50	267.00	276.00	233.50	223.00
Key entry operators II	263.00	317.50	259.00	266.00	298.00	382.50	389.00	328.00	275.00	330.50	299.00	294.00

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[1] The industries within the scope of the survey are: Manufacturing: transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL[3]	Davenport–Rock Island–Moline, IA–IL[3]	Detroit, MI	Greenville–Spartanburg, SC	Houston, TX[3]	Huntsville, AL[3]	Jackson, MS	Milwaukee, WI	Minneapolis–St. Paul, MN–WI	Newark, NJ[3]	New York, NY–NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Computer systems analysts	$665.50	$656.00	-	$674.50	$593.00	$811.50	-	$531.50	$662.00	$645.50	$696.00	$736.50
Computer systems analysts I	502.00	542.00	-	591.00	488.50	646.00	-	448.00	599.50	514.50	540.00	598.00
Computer systems analysts II	640.00	630.00	$728.50	640.00	579.00	748.50	-	573.50	635.00	606.50	620.00	707.00
Computer systems analysts III	709.50	724.00	-	746.50	696.50	878.50	$726.00	-	768.50	716.50	761.00	824.50
Computer systems analysts IV	-	797.00	-	-	-	1063.00	-	-	-	-	-	-
Computer programmers	540.50	532.50	487.50	519.50	467.00	592.00	478.00	454.00	501.00	500.00	526.50	549.50
Computer programmers I	424.50	403.50	341.00	468.00	367.00	465.50	-	362.00	401.50	393.00	406.00	436.00
Computer programmers II	487.50	480.00	442.50	497.50	443.00	530.00	419.50	438.50	473.50	488.50	504.00	534.50
Computer programmers III	631.50	613.50	591.00	613.50	569.50	629.50	530.00	-	561.50	568.00	601.50	621.00
Computer programmers IV	-	655.00	-	-	-	740.50	-	-	-	-	655.50	-
Computer operators	377.50	381.50	430.00	422.50	328.00	389.50	304.00	323.00	404.00	355.50	369.00	382.00
Computer operators I	332.00	302.00	255.00	383.50	300.00	324.50	265.00	288.50	304.00	292.50	283.00	294.00
Computer operators II	383.00	361.50	407.50	434.50	352.50	360.50	305.50	393.50	410.50	352.00	349.50	363.50
Computer operators III	500.00	422.50	569.50	535.00	-	439.50	340.50	-	442.00	407.00	432.00	456.00
Computer operators IV	-	508.00	-	-	-	542.00	-	-	-	-	518.50	-
Peripheral equipment operators	-	361.00	-	-	-	-	-	-	-	294.00	-	-
Computer data librarians	303.50	319.50	-	386.00	-	-	-	-	-	317.00	332.50	303.50
Drafters	420.00	445.50	472.00	552.00	398.00	507.00	347.00	372.00	438.00	430.00	453.50	472.00
Drafters I	-	-	-	218.50	-	-	-	-	-	-	-	-
Drafters II	364.00	340.50	-	309.00	305.50	364.50	272.00	-	308.00	332.00	319.50	-
Drafters III	427.00	422.50	-	432.00	421.50	425.50	365.00	-	425.00	345.50	405.50	456.00
Drafters IV	482.50	484.00	538.50	539.50	441.00	498.00	379.00	-	457.50	433.00	473.00	492.50
Drafters V	-	615.50	498.00	705.00	-	637.50	-	-	521.50	530.00	575.50	529.00
Electronics technicians	536.50	527.50	-	537.50	459.50	494.50	-	474.00	484.50	492.50	436.00	530.50
Electronics technicians I	-	415.50	-	-	-	426.50	-	-	-	391.50	377.00	-
Electronics technicians II	518.50	527.50	-	498.00	459.50	479.50	389.50	498.00	526.00	-	421.50	456.50
Electronics technicians III	558.50	607.50	-	564.50	490.50	558.50	453.50	-	-	584.00	486.50	-
Registered industrial nurses	533.00	483.00	525.00	605.00	361.50	543.50	465.00	-	500.50	500.50	485.00	512.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Norfolk–Virginia Beach–Portsmouth, VA– NC	Pittsburgh, PA	Providence–Warwick–Pawtucket, RI–MA	Richmond, VA[3]	St. Louis, MO–IL	San Francisco–Oakland, CA	San Jose, CA	Toledo, OH–MI	Washington, DC–MD–VA	Wichita, KS[3]	Worcester, MA[3]	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Computer systems analysts	$616.50	$631.00	$599.50	$648.50	$678.00	$698.00	$724.50	$624.50	$627.00	$606.50	$609.00	$572.50
Computer systems analysts I	510.00	543.50	523.00	559.50	530.50	580.50	599.00	469.50	501.00	-	501.00	-
Computer systems analysts II	584.50	608.50	579.00	617.00	646.00	662.50	701.00	619.00	604.00	618.50	577.50	562.50
Computer systems analysts III	689.50	701.50	702.50	721.50	782.50	789.50	836.00	716.50	711.50	676.00	702.50	634.00
Computer systems analysts IV	-	-	-	-	-	-	-	-	-	-	-	-
Computer programmers	433.00	469.00	432.00	495.50	503.00	587.00	613.00	481.50	547.00	462.50	488.00	400.00
Computer programmers I	370.50	394.00	377.00	385.50	418.50	457.00	519.00	388.00	423.50	-	-	328.50
Computer programmers II	410.00	475.50	432.00	444.00	485.00	595.50	572.50	502.00	525.00	412.00	444.50	427.50
Computer programmers III	510.50	552.50	555.50	544.50	591.00	709.50	-	-	665.50	476.00	531.00	-
Computer programmers IV	-	-	-	590.00	-	-	-	-	-	-	-	-
Computer operators	306.50	362.00	317.50	342.00	356.50	402.50	428.50	365.00	376.00	370.50	352.00	294.50
Computer operators I	-	300.00	278.50	271.50	280.00	357.00	337.00	299.00	316.50	262.50	275.50	249.00
Computer operators II	328.50	344.00	337.00	333.50	347.50	393.50	425.50	405.50	382.00	331.50	312.00	316.00
Computer operators III	338.00	448.00	-	406.00	435.00	465.00	478.50	-	432.50	415.50	400.00	-
Computer operators IV	-	-	-	-	-	-	-	-	-	498.00	-	-
Peripheral equipment operators	-	-	-	-	251.50	388.50	-	-	-	-	-	-
Computer data librarians	-	407.50	-	286.00	285.50	343.00	-	-	345.50	-	-	-
Drafters	345.50	462.50	393.00	376.50	447.50	549.50	470.50	413.00	362.50	462.00	433.00	392.50
Drafters I	-	231.00	-	-	-	-	-	-	-	-	-	-
Drafters II	298.50	315.50	-	-	297.50	-	388.50	254.50	264.00	-	-	260.50
Drafters III	399.50	387.50	356.00	359.00	372.50	471.00	427.50	366.50	345.00	391.50	370.50	358.50
Drafters IV	380.50	465.00	-	402.00	473.50	531.50	496.50	456.00	394.00	462.50	450.50	424.00
Drafters V	-	550.00	-	-	603.50	635.50	577.00	520.00	522.50	534.00	490.00	465.50
Electronics technicians	-	583.00	428.50	581.50	564.50	578.00	493.50	518.50	542.00	524.50	431.00	524.50
Electronics technicians I	-	-	-	-	-	435.50	354.50	-	383.00	432.00	-	-
Electronics technicians II	470.00	-	412.50	-	523.00	550.50	492.50	-	-	504.50	431.00	516.50
Electronics technicians III	539.00	572.50	-	588.00	630.00	647.50	550.00	-	567.00	579.50	-	596.50
Registered industrial nurses	-	479.50	-	488.50	500.50	544.50	-	527.00	518.50	482.00	-	420.50

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] Revised 4-level descriptions for computer systems analysts, computer programmers, and computer operators were introduced in this area in 1986. The revised descriptions for computer systems analysts and computer programmers are not comparable with the previous descriptions. Earnings for the overall computer operator description are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1986[1]

Occupation	Atlanta, GA	Chicago, IL	Davenport–Rock Island–Moline, IA–IL	Detroit, MI	Greenville–Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis–St. Paul, MN–WI	Newark, NJ	New York, NY–NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$13.50	$15.10	$14.37	$14.91	$8.66	$12.91	$11.28	–	$13.80	$14.30	$12.31	$13.60
Maintenance electricians	14.31	14.60	14.92	15.04	10.26	14.16	14.44	$12.46	14.80	15.61	13.22	13.89
Maintenance painters	13.95	14.18	–	15.07	–	12.26	–	–	–	14.46	12.59	13.43
Maintenance machinists	14.87	13.75	14.27	13.85	9.33	13.67	11.75	11.99	15.80	14.57	13.75	14.66
Maintenance mechanics (machinery)	11.18	13.24	14.11	15.29	10.09	13.37	13.46	11.21	13.80	12.52	11.08	10.87
Maintenance pipefitters	15.15	14.88	14.85	14.72	–	14.16	–	–	15.07	15.30	14.08	–
Millwrights	–	15.09	14.22	14.49	–	–	–	–	14.20	14.83	14.24	–
Motor vehicle mechanics	12.21	15.02	14.19	14.30	9.82	12.22	10.53	11.21	12.08	13.08	12.19	12.95
Maintenance workers (general)	9.45	9.09	8.46	10.36	7.03	7.91	6.42	7.18	9.58	9.98	9.32	9.91
Maintenance trades helpers	–	10.00	11.11	11.31	5.84	8.55	8.58	–	–	–	9.38	9.89
Machine-tool operators (toolroom)	–	12.67	14.82	15.34	–	13.74	–	–	13.88	–	–	–
Tool and die makers	14.03	14.55	15.82	15.47	10.86	13.09	13.82	–	14.68	14.58	12.97	12.12
Stationary engineers	12.51	14.36	14.89	14.53	9.50	12.40	–	–	13.40	13.07	13.74	15.37
Material movement and custodial												
Truckdrivers[2]	8.90	13.49	12.61	12.81	9.28	9.27	8.32	9.14	11.40	12.86	11.92	13.07
Truckdrivers, light truck	5.48	10.05	–	9.04	5.08	6.09	–	5.85	7.27	10.99	7.14	10.84
Truckdrivers, medium truck	8.57	12.90	–	13.13	–	9.69	10.00	9.78	9.75	12.53	12.50	13.58
Truckdrivers, heavy truck	–	12.67	10.80	–	6.01	8.71	–	–	9.66	12.71	11.00	11.83
Truckdrivers, tractor-trailer	11.16	13.97	13.11	13.64	10.02	11.28	8.26	11.88	13.28	13.54	12.71	13.87
Shippers	9.43	8.98	7.53	12.51	7.15	7.24	7.63	5.90	9.52	10.07	8.38	7.52
Receivers	9.29	9.22	9.98	11.37	7.12	8.21	7.50	5.71	9.09	9.76	9.73	8.29
Shippers and receivers	9.44	9.03	–	11.71	7.30	8.22	7.94	7.94	9.54	9.35	8.16	9.74
Warehousemen	9.65	10.27	12.43	9.90	7.78	9.67	7.48	6.44	8.64	11.67	9.56	8.70
Order fillers	8.09	9.59	–	10.53	6.52	8.01	–	–	9.26	10.55	5.93	8.79
Shipping packers	7.36	7.91	8.96	10.26	7.11	–	–	8.15	–	7.41	8.14	8.00
Material handling laborers	8.25	10.19	11.27	11.33	7.90	6.79	9.37	7.78	10.60	10.39	7.46	10.03
Forklift operators	9.14	10.31	11.79	12.98	7.00	9.58	8.21	8.44	11.38	11.52	9.85	9.63
Power-truck operators (other than forklift)	10.68	10.42	–	–	–	–	–	–	10.42	11.23	–	–
Guards	5.49	5.81	–	6.99	4.49	5.70	5.58	–	5.21	5.97	5.01	5.42
Guards I	5.29	5.45	–	6.76	4.46	5.61	5.37	–	5.13	5.90	4.77	5.05
Guards II	6.91	7.81	11.47	9.13	–	10.86	–	–	–	8.71	8.23	7.16
Janitors, porters, and cleaners	4.50	7.12	7.65	7.81	4.03	4.16	4.87	4.05	4.89	6.38	5.32	8.24

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1986[1]

Occupation	Norfolk-Virginia Beach-Portsmouth, VA-NC	Pittsburgh, PA	Providence-Warwick-Pawtucket, RI-MA	Richmond, VA	St. Louis, MO-IL	San Francisco-Oakland, CA	San Jose, CA	Toledo, OH-MI	Washington, DC-MD-VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$10.87	$12.22	$9.49	$12.21	$14.06	$17.43	-	-	$12.52	-	$11.03	$11.21
Maintenance electricians	12.86	13.44	11.20	14.70	14.88	16.47	$15.95	$14.31	13.14	$13.62	11.84	12.05
Maintenance painters	-	12.33	-	-	13.85	16.83	-	13.80	-	-	-	-
Maintenance machinists	10.32	12.94	10.13	14.29	15.22	16.03	-	14.18	-	-	11.52	11.58
Maintenance mechanics (machinery)	10.81	13.27	10.65	16.84	12.12	14.98	15.89	14.27	-	11.49	10.90	11.26
Maintenance pipefitters	-	12.93	-	-	14.81	-	-	14.79	-	-	11.80	11.97
Millwrights	-	13.46	-	-	13.96	-	-	14.43	-	-	-	-
Motor vehicle mechanics	11.53	11.93	11.79	10.78	12.54	15.95	15.49	13.86	13.43	10.92	12.70	10.79
Maintenance workers (general)	7.08	9.22	7.67	8.38	9.11	10.07	9.86	9.40	8.01	7.26	8.07	8.26
Maintenance trades helpers	-	10.29	-	8.52	-	12.58	-	-	-	-	-	8.69
Machine-tool operators (toolroom)	-	13.32	-	-	-	-	-	14.03	-	-	10.10	12.08
Tool and die makers	-	13.81	12.12	-	15.50	17.23	17.06	14.12	-	13.60	11.80	12.54
Stationary engineers	-	13.22	-	14.72	13.52	16.43	16.11	14.09	13.73	12.66	11.70	-
Material movement and custodial												
Truckdrivers[2]	7.49	12.27	10.98	9.56	12.46	13.57	13.32	12.25	10.64	9.08	10.96	9.86
Truckdrivers, light truck	5.59	12.10	6.54	8.80	9.40	9.16	-	8.97	7.60	5.42	-	-
Truckdrivers, medium truck	7.43	10.97	12.39	9.43	12.02	13.73	-	13.21	6.78	11.22	9.57	10.85
Truckdrivers, heavy truck	6.51	10.07	-	9.28	9.91	14.86	14.06	-	9.72	7.97	10.71	8.78
Truckdrivers, tractor-trailer	8.05	12.65	11.73	10.14	13.50	14.62	13.04	12.19	12.86	9.52	12.27	10.01
Shippers	7.99	11.25	8.65	10.02	9.04	12.76	7.85	10.25	11.09	11.16	7.63	9.20
Receivers	8.76	9.09	7.59	8.27	9.26	11.46	10.37	8.82	10.02	9.92	8.31	7.89
Shippers and receivers	9.35	9.77	7.83	9.58	10.19	10.51	8.33	9.29	8.52	8.45	7.81	7.45
Warehousemen	7.96	9.50	9.98	7.36	8.96	11.86	9.81	10.86	9.95	7.61	8.16	9.05
Order fillers	5.02	10.82	6.68	-	8.26	-	-	9.65	9.93	7.38	7.30	8.47
Shipping packers	5.62	8.33	6.38	8.93	8.33	8.80	-	11.46	-	8.69	7.43	7.21
Material handling laborers	6.98	9.03	6.60	7.61	11.21	10.29	-	12.35	8.41	6.51	6.68	9.22
Forklift operators	7.18	11.19	7.73	9.91	11.59	12.70	10.48	11.40	10.84	-	9.43	8.82
Power-truck operators (other than forklift)	-	11.27	-	7.41	-	13.27	-	-	-	-	-	8.37
Guards	4.50	4.81	4.53	4.32	5.30	5.79	6.34	-	5.49	6.28	5.59	4.71
Guards I	4.27	4.73	4.40	3.97	4.37	5.56	5.85	-	4.83	8.71	5.18	4.46
Guards II	6.41	6.14	-	-	8.74	-	-	-	6.98	5.57	-	-
Janitors, porters, and cleaners	4.77	5.12	4.91	4.96	5.20	8.74	7.10	7.08	4.19	-	5.90	7.15

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 24 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Newark	5.0	6.4	5.2	4.7	3.7	4.9	4.8	5.3	5.2	4.3	5.0	7.0	5.2	3.4
New York	4.8	3.6	5.4	4.9	3.3	4.4	4.3	4.4	3.9	4.5	4.9	3.5	6.0	3.2
Pittsburgh	3.5	3.7	2.7	1.6	.4	2.7	3.0	2.7	1.1	.9	4.1	4.1	-	.2
Providence-Warwick-Pawtucket	4.2	3.9	5.9	3.6	4.0	3.1	-	-	3.6	4.3	5.3	4.4	-	3.6
Worcester	5.4	6.2	-	4.0	6.1	-	-	-	3.5	5.6	6.0	7.0	-	-
York	3.0	5.8	4.9	3.7	3.1	-	-	5.0	3.6	3.1	-	-	-	3.1
South														
Atlanta	6.2	6.0	4.1	4.2	4.6	6.7	6.4	4.7	4.0	-	6.1	5.9	-	4.9
Greenville-Spartanburg	3.5	6.1	5.0	4.5	1.8	-	5.8	5.0	4.8	3.2	-	-	-	1.3
Houston	4.3	3.5	3.9	1.3	2.1	-	6.5	2.2	.9	1.1	4.3	2.9	-	2.3
Huntsville	-	-	-	4.4	6.9	-	-	-	4.4	8.5	-	-	-	-
Jackson	4.4	4.7	-	2.7	1.3	-	-	-	2.5	3.4	4.3	4.6	-	-
Norfolk-Virginia Beach-Portsmouth	4.4	5.6	-	2.9	1.9	-	-	-	4.0	3.9	-	5.7	-	1.6
Richmond	4.3	8.0	5.6	3.4	2.5	-	6.8	5.7	3.6	5.1	4.1	8.5	-	1.1
Washington	5.3	5.1	-	-	3.1	-	-	-	-	4.8	5.4	5.3	-	3.1
Midwest														
Chicago	4.3	4.2	3.2	3.8	4.8	3.6	4.5	3.3	4.0	3.4	4.7	4.1	3.0	5.2
Davenport-Rock Island-Moline	3.3	3.9	4.1	2.8	3.2	-	-	4.3	2.7	3.3	3.7	-	-	3.1
Detroit	4.9	5.7	7.1	4.1	4.2	5.5	6.8	8.2	4.2	4.6	4.4	4.9	-	3.6
Milwaukee	4.1	3.8	3.3	3.0	2.2	4.6	4.6	3.5	3.0	1.3	3.8	3.4	-	3.1
Minneapolis-St. Paul	5.3	4.5	5.0	3.2	2.7	6.0	4.8	-	3.7	3.3	4.8	4.3	-	2.4
St. Louis	4.0	5.6	3.9	3.6	1.9	2.5	4.4	3.6	3.3	3.5	4.9	6.0	-	.8
Toledo	5.2	3.5	3.7	3.3	2.9	-	2.8	3.8	3.4	3.6	-	-	-	2.3
Wichita	4.3	3.9	1.6	2.1	.1	-	-	1.6	2.3	-1.4	5.4	4.6	-	-
West														
San Francisco-Oakland	4.7	4.2	2.9	3.2	-.8	4.2	-	3.2	2.6	4.2	4.8	4.2	-	-1.4
San Jose	3.9	3.6	-	1.3	3.0	3.6	3.3	-	1.1	-	-	5.3	-	-

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from: Bureau of Labor Statistics, Publications Sales Center, P.O. Box 2145, Chicago, IL 60690, or Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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Anaheim—Santa Ana—Garden Grove, CA
Atlanta, GA

Baltimore, MD
Billings, MT
Boston, MA
Buffalo, NY

Chattanooga, TN-GA
Chicago, IL
Cincinnati, OH-KY-IN
Cleveland, OH
Columbus, OH
Corpus Christi, TX

Dallas—Fort Worth, TX
Davenport—Rock Island—Moline, IA-IL
Dayton, OH
Daytona Beach, FL
Denver—Boulder, CO
Detroit, MI

Fresno, CA

Gainesville, FL
Gary—Hammond—East Chicago, IN
Green Bay, WI
Greensboro—Winston-Salem—High Point, NC
Greenville—Spartanburg, SC

Hartford, CN
Houston, TX
Huntsville, AL

Indianapolis, IN

Jackson, MS
Jacksonville, FL

Kansas City, MO-KS

Los Angeles—Long Beach, CA
Louisville, KY-IN

Memphis, TN-AR-MS
Miami, FL
Milwaukee, WI
Minneapolis—St. Paul, MN-WI

Nassau—Suffolk, NY
Newark, NJ
New Orleans, LA
New York, NY-NJ
Norfolk—Virginia Beach—
  Portsmouth, VA-NC
Northeast Pennsylvania

Oklahoma City, OK
Omaha, NE-IA

Paterson—Clifton—Passaic, NJ
Philadelphia, PA-NJ
Pittsburgh, PA
Portland, ME
Portland, OR-WA
Poughkeepsie, NY
Providence—Warwick—
  Pawtucket, RI-MA

Richmond, VA

St. Louis, MO-IL
Sacramento, CA
Saginaw, MI
Salt Lake City—Ogden, UT
San Antonio, TX
San Diego, CA
San Francisco—Oakland, CA
San Jose, CA
Seattle—Everett, WA
South Bend, IN

Toledo, OH-MI
Trenton, NJ

Washington, DC-MD-VA
Wichita, KS
Worcester, MA

York, PA

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

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Alpena—Standish—Tawas City, MI
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Asheville, NC
Atlantic City, NJ
Augusta, GA-SC
Austin, TX
Bakersfield, CA
Baton Rouge, LA
Battle Creek, MI
Beaumont—Port Arthur—Orange and Lake Charles, TX-LA
Biloxi—Gulfport and Pascagoula—Moss Point, MS
Binghamton, NY
Birmingham, AL
Bloomington—Vincennes, IN
Bremerton—Shelton, WA
Brunswick, GA
Champaign—Urbana—Rantoul, IL
Charleston—North Charleston—Walterboro, SC
Charlotte—Gastonia, NC
Cheyenne, WY
Clarksville—Hopkinsville, TN-KY
Colorado Springs, CO
Columbia—Sumter, SC
Columbus, GA-AL
Columbus, MS
Connecticut (statewide)
Decatur, IL
Des Moines, IA
Dothan, AL
Duluth—Superior, MN-WI
EL Paso—Alamogordo—Las Cruces, TX-NM
Eugene—Springfield—Medford, OR
Fayetteville, NC
Fort Lauderdale—Hollywood and West Palm Beach—Boca Raton, FL
Fort Smith, AR-OK
Fort Wayne, IN
Frederick—Hagerstown—Chambersburg, MD-PA
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Goldsboro, NC
Grand Island—Hastings, NE
Guam, Territory of
Harrisburg—Lebanon, PA
Knoxville, TN
Las Vegas—Tonopah, NV
Lexington—Fayette, KY
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Logansport—Peru, IN
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Mansfield, OH
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Melbourne—Titusville—Cocoa, FL
Meridian, MS
Middlesex, Monmouth, and Ocean Counties, NJ
Mobile—Pensacola—Panama City, AL-FL
Montana (statewide)
Montgomery, AL
Nashville—Davidson, TN
New Bern—Jacksonville, NC
New Hampshire (statewide)
North Dakota (statewide)
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Southwest Virginia
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Stockton, CA
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Tucson—Douglas, AZ
Tulsa, OK
Upper Peninsula, MI
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West Virginia (statewide)
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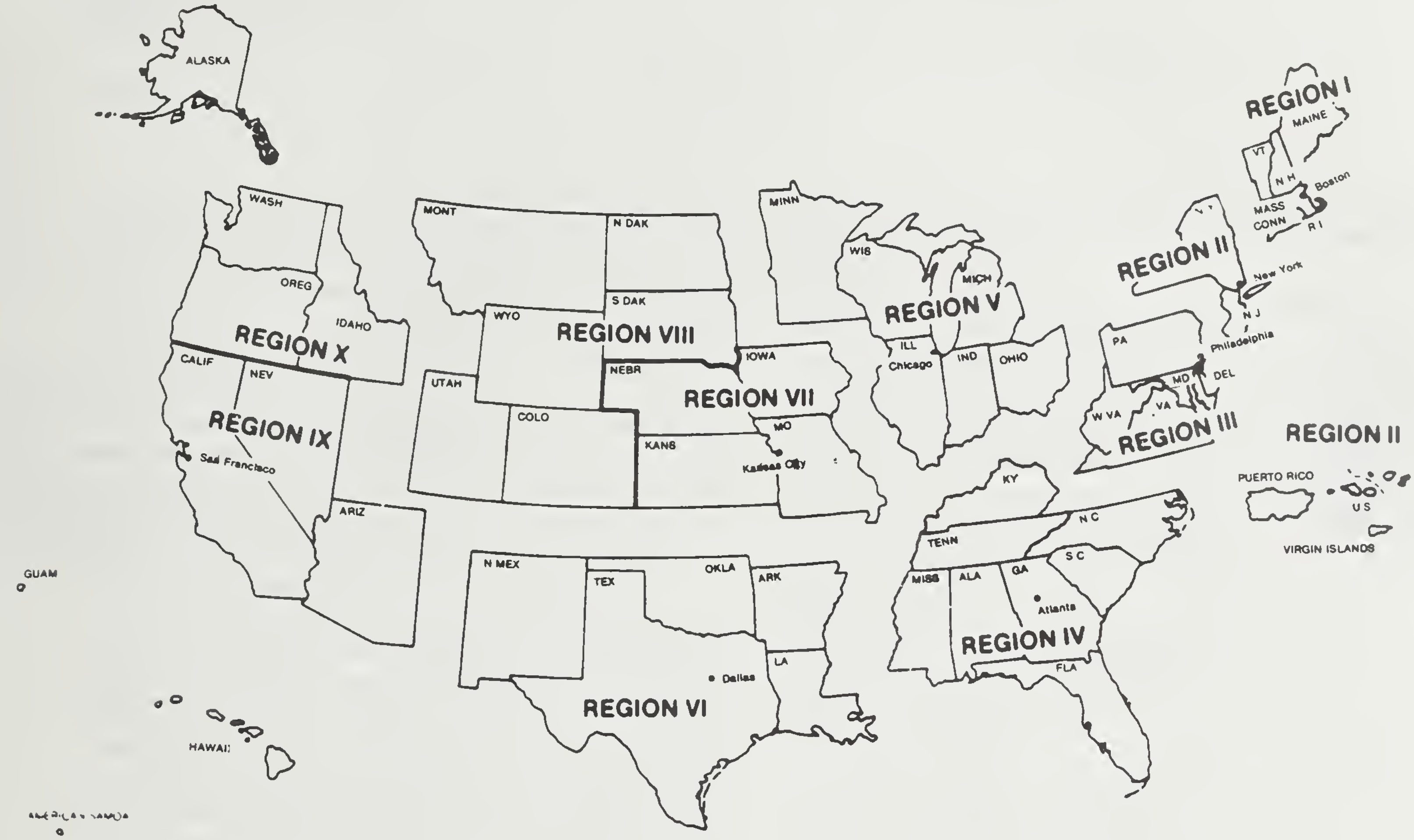

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1986

U.S. Department of Labor
Bureau of Labor Statistics
December 1986

Summary 86-10 (No. 2 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 23 areas surveyed from June through September 1986. Data for another 24 areas have been presented in an earlier summary; data for the remaining 23 areas surveyed in 1986 will be presented in a subsequent summary.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau conducted 82 wage surveys in 1986 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average straight-time weekly earnings for selected office occupations in 23 areas, June-September 1986[1]

Occupation and level[2]	Albany–Schenectady–Troy, NY	Anaheim–Santa Ana–Garden Grove, CA	Baltimore, MD	Billings, MT	Boston, MA	Chattanooga, TN–GA	Cincinnati, OH–KY–IN	Cleveland, OH	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL	Green Bay, WI
	September	September	August	July	August	September	July	September	July	August	September	August
Secretaries	$385.50	$414.50	$377.50	$335.00	$385.00	$330.50	$373.50	$371.00	$344.00	$348.50	$319.00	$352.00
Secretaries I	287.50	354.50	297.50	275.50	297.00	284.00	302.00	337.50	290.00	268.00	295.00	314.50
Secretaries II	310.50	347.00	336.50	–	350.50	288.50	350.00	325.50	373.50	346.50	–	335.00
Secretaries III	381.50	424.50	389.00	348.00	374.00	334.00	368.00	373.50	378.50	377.50	313.00	349.00
Secretaries IV	420.50	475.00	453.50	–	452.50	420.00	408.50	405.00	–	–	–	405.50
Secretaries V	450.50	558.50	519.50	–	498.00	–	516.50	475.00	–	–	–	–
Stenographers	–	–	451.00	–	352.50	–	350.50	–	–	–	–	–
Stenographers I	327.00	–	454.50	–	331.00	–	–	327.00	–	–	–	–
Stenographers II	369.00	–	–	–	–	–	370.50	420.00	–	–	–	–
Transcribing-machine typists	–	–	–	–	–	–	–	–	–	–	–	–
Typists	285.50	254.00	294.50	–	259.50	–	272.50	289.00	–	–	–	–
Typists I	234.00	242.00	238.00	–	239.00	–	229.00	268.50	–	–	–	–
Typists II	370.00	–	358.00	–	305.50	–	318.50	308.50	–	–	–	–
Word processors	–	354.50	309.50	278.50	330.00	267.00	299.00	320.00	–	286.50	262.50	234.00
Word processors I	–	318.50	291.50	268.50	288.00	–	290.00	266.00	–	–	244.50	223.00
Word processors II	–	390.00	337.50	–	366.00	292.00	316.50	344.50	–	336.50	280.50	–
File clerks	201.00	228.50	252.50	194.50	223.50	–	213.50	204.00	–	–	194.00	–
File clerks I	197.00	224.50	278.50	–	216.00	–	195.00	196.00	–	–	183.50	–
File clerks II	–	–	232.50	–	236.50	–	221.50	204.50	–	–	–	–
File clerks III	–	–	–	–	288.00	–	–	234.00	–	–	–	–
Messengers	–	271.50	247.50	–	221.50	199.00	214.50	247.50	–	–	–	–
Receptionists	–	246.00	240.50	–	296.00	–	278.50	240.50	–	220.00	–	–
Switchboard operators	296.50	265.00	272.00	240.00	277.50	227.50	254.00	271.50	220.50	198.00	–	–
Switchboard operator-receptionists	254.50	275.50	241.00	231.00	272.50	243.50	267.50	253.00	230.50	221.00	216.50	226.00
Order clerks	250.50	323.00	241.00	–	283.00	270.50	293.00	291.00	–	242.00	–	278.00
Order clerks I	–	281.50	233.00	–	256.50	270.50	265.00	257.50	–	–	–	254.50
Order clerks II	–	372.00	–	–	352.50	–	362.50	331.00	–	–	–	317.50
Accounting clerks	312.00	326.50	300.00	271.00	301.50	271.00	295.00	301.00	274.50	265.50	282.00	306.50
Accounting clerks I	–	275.00	235.00	253.50	221.00	200.50	266.50	240.00	201.00	–	–	–
Accounting clerks II	264.00	311.00	260.50	263.00	287.00	264.50	282.50	287.50	251.50	254.00	256.50	250.50
Accounting clerks III	322.00	367.50	308.50	306.00	325.00	303.50	321.00	334.00	319.00	317.50	307.00	362.00
Accounting clerks IV	398.00	417.00	481.00	–	394.50	–	393.50	396.00	–	–	330.00	–
Payroll clerks	377.50	329.50	331.50	297.50	334.00	286.00	323.00	297.00	288.00	278.50	285.00	317.50
Key entry operators	295.00	310.50	285.00	267.50	284.50	255.50	305.50	270.50	269.50	223.50	–	255.50
Key entry operators I	253.50	293.50	267.50	240.00	273.50	249.00	307.50	253.50	244.50	220.50	–	236.50
Key entry operators II	345.00	341.50	324.00	–	328.50	–	298.50	304.50	309.50	–	–	275.50

See footnotes at end of table.

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Table 1. Continued—Average straight-time weekly earnings for selected office occupations in 23 areas, June-September 1986[1]

Occupation and level[2]	Greensboro–Winston-Salem–High Point, NC August	Hartford, CT July	Kansas City, MO–KS September	Nassau–Suffolk, NY August	Northeast Pennsylvania August	Oklahoma City, OK August	Portland, OR–WA June	Poughkeepsie, NY September	Richmond, VA June	San Antonio, TX July	South Bend, IN August
Secretaries	$360.50	$352.50	$369.50	$382.50	$300.00	$360.50	$390.50	-	$345.00	$334.00	$376.50
Secretaries I	293.00	278.50	310.50	314.00	239.00	314.50	-	-	307.50	267.00	334.50
Secretaries II	334.00	313.50	333.00	297.50	286.00	324.50	320.50	-	283.50	328.50	289.00
Secretaries III	371.00	372.00	389.50	382.50	326.50	367.00	368.50	-	346.00	347.00	360.00
Secretaries IV	464.50	419.00	401.00	434.50	355.50	463.50	433.00	-	391.50	417.00	431.00
Secretaries V	392.50	490.00	487.00	534.50	-	479.50	498.50	-	453.00	447.00	449.50
Stenographers	-	-	-	-	296.50	-	-	-	355.00	371.00	-
Stenographers I	-	-	-	-	-	-	-	-	-	-	-
Stenographers II	-	-	395.00	-	-	-	-	-	-	-	-
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-
Typists	263.00	270.50	253.50	239.50	254.50	240.00	251.00	-	250.50	223.00	-
Typists I	245.50	231.50	239.50	231.00	227.50	223.00	239.50	-	247.00	199.00	-
Typists II	361.00	-	288.50	290.50	327.00	279.00	-	-	262.50	288.50	-
Word processors	-	283.00	307.00	305.00	251.00	282.50	305.50	-	289.00	261.50	248.00
Word processors I	-	263.50	287.00	269.50	-	269.50	291.50	-	277.00	231.50	-
Word processors II	-	310.50	314.50	336.50	-	314.50	327.00	-	314.50	282.00	260.50
File clerks	198.50	205.00	219.50	216.00	184.00	213.50	213.50	-	205.50	191.50	198.50
File clerks I	195.50	194.50	199.50	212.00	184.00	210.50	211.00	-	190.50	178.00	-
File clerks II	-	211.00	256.50	223.00	-	-	-	-	-	216.50	-
File clerks III	-	-	-	-	-	-	-	-	-	-	-
Messengers	236.50	207.00	240.50	216.50	-	219.00	-	-	216.00	192.00	-
Receptionists	-	-	277.50	241.00	212.50	245.50	-	$260.00	258.00	196.50	-
Switchboard operators	251.50	250.50	251.00	260.50	186.00	270.50	274.00	343.50	247.00	220.50	250.00
Switchboard operator-receptionists	243.00	264.50	251.00	251.00	218.00	245.50	268.00	232.50	239.50	225.50	249.00
Order clerks	299.00	294.50	292.00	254.50	279.50	249.50	338.00	-	324.00	236.00	296.50
Order clerks I	269.00	260.00	249.50	248.00	266.00	245.50	294.50	-	273.50	230.00	281.50
Order clerks II	360.50	-	332.50	-	-	-	390.50	-	367.00	-	304.50
Accounting clerks	286.50	288.00	312.00	283.00	236.50	312.50	307.00	264.00	283.50	277.00	269.00
Accounting clerks I	218.50	209.50	224.50	205.50	186.00	294.50	-	-	230.00	-	240.50
Accounting clerks II	265.00	269.00	307.00	265.00	243.50	292.50	282.00	250.50	268.00	250.00	263.00
Accounting clerks III	312.50	307.00	325.50	311.50	319.50	346.50	326.50	288.50	314.50	296.00	298.50
Accounting clerks IV	355.00	-	408.50	370.00	-	475.50	379.00	-	382.50	390.00	368.00
Payroll clerks	283.00	278.50	334.50	291.00	327.00	320.50	335.00	322.00	290.50	276.00	292.00
Key entry operators	265.00	262.50	293.50	269.50	228.00	278.50	282.00	320.50	246.00	243.00	247.00
Key entry operators I	254.00	244.50	261.00	254.50	201.00	251.50	270.50	295.50	241.00	234.00	229.50
Key entry operators II	309.50	298.50	367.00	312.00	312.00	311.00	317.50	-	266.00	-	270.50

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average straight-time weekly earnings for selected professional and technical occupations in 23 areas, June-September 1986[1]

Occupation and level[2]	Albany–Schenectady–Troy, NY	Anaheim–Santa Ana–Garden Grove, CA	Baltimore, MD	Billings, MT[3]	Boston, MA	Chattanooga, TN–GA	Cincinnati, OH–KY–IN	Cleveland, OH[3]	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL[3]	Green Bay, WI
	September	September	August	July	August	September	July	September	July	August	September	August
Computer systems analysts	$664.00	$671.50	$661.50	$489.00	$644.50	-	$620.50	$641.50	-	-	$575.00	$506.00
Computer systems analysts I	564.00	518.00	535.50	-	474.50	-	533.00	517.50	-	-	466.50	-
Computer systems analysts II	654.00	650.50	629.50	-	620.00	$741.00	617.00	597.50	-	-	576.50	483.00
Computer systems analysts III	764.00	776.50	743.00	-	754.50	-	725.00	699.50	-	-	-	566.50
Computer systems analysts IV	-	-	-	-	-	-	-	805.50	-	-	-	-
Computer programmers	484.50	567.50	499.50	-	498.00	472.50	491.50	542.50	$464.00	-	-	419.50
Computer programmers I	-	448.50	400.00	-	412.00	-	384.00	424.50	-	-	-	325.50
Computer programmers II	471.50	561.50	484.00	-	498.50	-	467.50	449.50	459.50	-	-	415.00
Computer programmers III	551.00	692.50	576.00	-	588.00	525.00	566.50	623.50	-	-	-	-
Computer programmers IV	-	-	-	-	-	-	-	619.00	-	-	-	-
Computer operators	367.50	385.50	364.00	300.00	360.00	303.00	372.50	352.50	311.50	$300.00	299.50	349.00
Computer operators I	-	355.50	292.50	-	311.50	240.00	311.00	269.00	-	278.00	-	-
Computer operators II	331.50	390.50	357.50	305.00	386.50	337.50	363.00	331.00	300.50	-	272.00	356.00
Computer operators III	439.50	454.00	473.50	-	480.50	-	455.50	382.00	-	-	382.00	-
Computer operators IV	-	-	-	-	-	-	-	454.50	-	-	-	-
Peripheral equipment operators	-	-	424.50	-	-	-	347.50	-	-	-	-	-
Computer data librarians	-	352.50	304.50	-	281.00	-	266.00	345.00	-	-	-	-
Drafters	473.50	475.00	441.00	405.00	486.00	395.00	435.50	420.50	407.00	409.50	364.00	-
Drafters I	-	-	268.50	-	-	-	-	-	-	-	-	-
Drafters II	-	336.50	310.50	-	321.00	-	-	304.50	-	-	-	-
Drafters III	463.50	447.50	367.00	-	382.50	-	377.00	368.50	-	411.00	366.00	-
Drafters IV	491.50	528.50	451.50	413.00	495.00	452.00	485.00	481.00	-	-	-	453.00
Drafters V	526.00	609.00	547.50	-	605.00	-	527.50	549.00	-	-	-	-
Electronics technicians	520.50	565.00	534.00	584.00	-	403.50	436.00	436.50	578.00	428.50	470.00	-
Electronics technicians I	-	-	372.50	-	-	-	-	339.50	-	-	-	-
Electronics technicians II	514.50	575.50	536.00	567.50	-	455.00	380.00	417.00	-	439.00	508.50	-
Electronics technicians III	543.00	576.00	585.00	-	-	-	511.50	530.50	594.00	-	-	-
Registered industrial nurses	446.00	-	-	-	490.50	-	518.00	483.50	-	-	-	-

See footnotes at end of table.

Table 2. Continued—Average straight-time weekly earnings for selected professional and technical occupations in 23 areas, June-September 1986[1]

Occupation and level[2]	Greensboro-Winston-Salem-High Point, NC	Hartford, CT[3]	Kansas City, MO-KS	Nassau-Suffolk, NY	Northeast Pennsylvania	Oklahoma City, OK	Portland, OR-WA[3]	Poughkeepsie, NY[3]	Richmond, VA[3]	San Antonio, TX[3]	South Bend, IN
	August	July	September	August	August	August	June	September	June	July	August
Computer systems analysts	$627.50	$647.50	$617.50	$695.00	$652.50	$620.50	$671.00	-	$648.50	$698.00	$608.00
Computer systems analysts I	531.00	521.50	495.00	495.00	-	-	572.50	-	559.50	583.50	-
Computer systems analysts II	645.50	640.00	589.50	676.00	620.50	597.00	635.50	$676.50	617.00	631.50	591.00
Computer systems analysts III	748.50	775.00	754.00	799.00	678.00	674.50	702.00	-	721.50	749.50	733.50
Computer systems analysts IV	-	890.00	-	-	-	-	766.00	-	-	-	-
Computer programmers	432.00	492.00	523.50	524.00	428.50	482.00	496.50	-	495.50	489.50	445.50
Computer programmers I	384.00	-	389.00	405.50	330.50	391.50	362.50	-	385.50	371.50	293.50
Computer programmers II	427.50	452.00	495.00	516.00	443.00	495.00	459.50	-	444.00	432.00	418.00
Computer programmers III	-	-	616.50	631.50	524.50	555.00	517.50	-	544.50	539.50	560.00
Computer programmers IV	-	635.50	-	-	-	-	576.50	-	590.00	-	-
Computer operators	365.00	350.00	379.00	361.00	306.00	325.50	359.00	-	342.00	321.00	326.00
Computer operators I	306.50	276.00	307.50	265.00	213.00	275.50	292.50	-	271.50	248.00	252.50
Computer operators II	369.50	318.50	367.50	356.00	321.00	350.50	327.50	-	333.50	302.00	338.50
Computer operators III	459.50	394.50	476.50	468.00	384.00	411.50	375.50	-	406.00	379.50	451.50
Computer operators IV	-	476.50	-	-	-	-	413.00	-	-	-	-
Peripheral equipment operators	-	-	-	-	-	-	-	-	-	-	-
Computer data librarians	-	288.50	314.00	264.00	-	-	-	-	286.00	-	-
Drafters	447.00	440.50	425.00	448.00	343.50	371.00	395.00	456.50	376.50	353.50	380.50
Drafters I	-	-	-	-	-	-	-	-	-	-	-
Drafters II	-	283.50	299.00	304.50	275.00	252.00	-	-	-	245.50	-
Drafters III	429.00	372.00	368.50	426.50	333.50	339.00	346.00	449.00	359.00	322.00	350.50
Drafters IV	574.00	457.50	456.00	424.50	432.50	418.00	419.00	-	402.00	414.50	-
Drafters V	-	-	595.50	595.50	-	-	482.00	-	-	-	559.50
Electronics technicians	552.50	472.00	552.50	381.50	517.50	-	546.50	-	581.50	511.00	478.50
Electronics technicians I	455.50	-	-	-	404.50	-	-	-	-	329.50	-
Electronics technicians II	600.00	409.00	544.50	399.00	538.50	-	537.50	-	-	541.50	511.00
Electronics technicians III	-	565.00	594.00	460.50	-	-	-	-	588.00	-	-
Registered industrial nurses	475.50	470.00	514.00	436.50	-	-	-	-	488.50	-	-

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] Revised 4-level descriptions for computer systems analysts, computer programmers, and computer operators were introduced in this area in 1986. The revised descriptions for computer systems analysts and computer programmers are not comparable with the previous descriptions. Earnings for the overall computer operator description are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, June-September 1986[1]

Occupation	Albany-Schenectady-Troy, NY	Anaheim-Santa Ana-Garden Grove, CA	Baltimore, MD	Billings, MT	Boston, MA	Chattanooga, TN-GA	Cincinnati, OH-KY-IN	Cleveland, OH	Corpus Christi, TX	Daytona Beach, FL	Gainesville, FL	Green Bay, WI
	September	September	August	July	August	September	July	September	July	August	September	August
Maintenance, toolroom, and powerplant												
Maintenance carpenters	-	$12.11	$12.59	-	$12.27	-	$12.79	$14.95	-	-	-	-
Maintenance electricians	$11.84	13.67	13.90	$14.01	13.78	$11.14	13.26	14.19	$14.35	$11.68	-	$13.65
Maintenance painters	10.71	12.43	12.73	-	11.72	-	12.52	14.18	11.39	-	-	-
Maintenance machinists	11.98	12.83	14.13	-	12.52	10.04	12.49	12.97	14.85	-	-	13.12
Maintenance mechanics (machinery)	10.93	12.06	13.14	12.54	11.78	10.80	11.94	13.37	13.91	12.37	-	12.99
Maintenance pipefitters	12.08	-	14.38	-	13.66	-	13.40	14.30	13.63	-	-	13.59
Millwrights	11.37	-	14.55	-	-	-	14.98	-	-	-	-	-
Motor vehicle mechanics	12.62	13.40	11.94	10.26	13.34	10.14	13.01	13.29	9.44	10.65	$12.78	12.56
Maintenance workers (general)	6.94	8.74	10.48	6.83	8.31	7.39	8.87	9.29	6.18	5.57	6.04	10.83
Maintenance trades helpers	8.60	6.83	-	-	9.45	-	10.10	9.99	-	-	-	-
Machine-tool operators (toolroom)	11.56	-	-	-	11.58	-	13.24	13.50	-	-	-	-
Tool and die makers	13.08	13.39	14.00	-	13.70	-	13.91	14.21	-	-	-	-
Stationary engineers	12.57	-	13.70	13.40	13.94	-	12.85	12.77	-	-	-	-
Material movement and custodial												
Truckdrivers[2]	11.70	10.79	10.20	12.25	12.01	9.19	11.22	11.04	7.51	8.67	11.29	11.52
Truckdrivers, light truck	-	6.12	-	10.44	9.55	7.76	12.44	8.28	5.15	-	5.09	-
Truckdrivers, medium truck	10.88	11.49	8.89	-	13.65	8.03	10.17	11.66	8.06	9.80	-	-
Truckdrivers, heavy truck	9.21	10.72	9.96	12.95	9.86	10.05	9.85	11.26	-	7.45	-	-
Truckdrivers, tractor-trailer	13.11	12.64	10.72	11.78	12.40	10.16	12.01	12.46	7.81	-	-	12.26
Shippers	9.39	8.36	9.39	-	8.77	6.73	9.35	10.65	-	-	-	-
Receivers	9.66	8.87	9.88	9.63	9.39	6.97	-	10.98	7.20	-	-	6.87
Shippers and receivers	8.66	8.14	8.19	-	8.77	7.26	9.53	9.15	-	8.37	-	9.23
Warehousemen	9.81	9.20	7.63	10.35	9.61	8.86	9.31	9.77	12.82	6.88	8.26	10.22
Order fillers	9.93	11.65	6.57	-	9.78	6.49	9.70	9.17	-	-	-	11.33
Shipping packers	8.20	6.50	-	-	8.37	5.65	9.03	7.86	-	-	-	-
Material handling laborers	10.21	7.89	7.85	-	7.79	7.74	10.28	9.33	5.83	-	6.13	9.44
Forklift operators	9.16	10.37	9.86	-	10.33	7.79	10.61	11.37	6.91	5.66	-	10.64
Power-truck operators (other than forklift)	-	-	-	-	-	6.03	10.92	12.17	-	-	-	-
Guards	6.25	6.33	5.45	-	6.06	4.80	4.72	4.79	4.65	3.95	-	-
Guards I	5.76	5.34	-	-	5.89	3.97	4.57	4.64	4.55	3.95	-	-
Guards II	-	10.60	-	-	8.31	-	-	6.20	-	-	-	-
Janitors, porters, and cleaners	6.59	5.45	4.45	6.60	6.23	4.68	5.67	6.39	4.08	4.66	4.65	5.34

See footnotes at end of table.

Table 3. Continued—Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 23 areas, June-September 1986[1]

Occupation	Greensboro–Winston-Salem–High Point, NC August	Hartford, CT July	Kansas City, MO–KS September	Nassau-Suffolk, NY August	Northeast Pennsylvania August	Oklahoma City, OK August	Portland, OR–WA June	Poughkeepsie, NY September	Richmond, VA June	San Antonio, TX July	South Bend, IN August
Maintenance, toolroom, and powerplant											
Maintenance carpenters	$10.76	$12.14	$12.76	$12.40	$8.77	-	$13.12	-	$12.21	$9.70	$10.89
Maintenance electricians	13.39	13.05	14.16	14.02	10.97	$14.34	14.62	-	14.70	10.03	12.07
Maintenance painters	10.49	11.61	13.09	-	-	-	13.42	-	-	8.30	-
Maintenance machinists	-	11.85	14.96	15.26	10.33	-	13.81	-	14.29	-	11.27
Maintenance mechanics (machinery)	12.24	11.35	12.44	12.52	10.07	11.29	13.67	-	16.84	10.02	10.85
Maintenance pipefitters	15.38	12.10	14.80	-	-	-	-	-	-	-	13.64
Millwrights	-	11.76	14.79	-	-	-	15.59	-	-	-	13.32
Motor vehicle mechanics	11.08	11.76	12.69	10.85	12.37	11.91	13.45	$12.84	10.78	11.03	13.41
Maintenance workers (general)	6.44	8.58	9.29	9.55	7.67	6.26	9.35	8.94	8.38	7.07	8.96
Maintenance trades helpers	8.38	-	-	9.44	8.05	-	-	-	8.52	-	-
Machine-tool operators (toolroom)	-	11.85	-	11.87	10.35	-	-	-	-	-	-
Tool and die makers	12.22	12.81	14.67	12.96	11.49	14.65	14.60	12.19	-	-	-
Stationary engineers	15.57	13.64	13.79	14.29	11.70	13.20	14.03	-	14.72	10.80	-
Material movement and custodial											
Truckdrivers[2]	10.11	9.99	11.92	12.79	10.03	9.04	12.09	11.06	9.56	7.24	9.90
Truckdrivers, light truck	5.97	-	6.73	7.17	11.77	7.23	6.51	-	8.80	4.70	-
Truckdrivers, medium truck	11.21	11.75	11.25	11.62	8.34	8.84	12.41	-	9.43	8.28	10.37
Truckdrivers, heavy truck	-	10.78	12.76	12.59	8.36	7.95	11.35	-	9.28	-	-
Truckdrivers, tractor-trailer	9.99	11.43	13.03	14.18	10.55	10.77	12.38	8.95	10.14	8.00	9.42
Shippers	7.28	9.60	8.52	8.39	7.19	7.46	10.65	-	10.02	7.14	8.74
Receivers	8.01	7.91	8.89	8.65	6.69	7.84	9.54	7.78	8.27	6.37	9.38
Shippers and receivers	8.57	8.02	9.70	6.37	8.28	8.79	11.08	7.68	9.58	6.51	9.70
Warehousemen	8.84	9.89	9.15	9.13	7.81	9.67	10.23	7.65	7.36	6.11	11.08
Order fillers	7.30	8.00	8.38	8.07	7.41	9.13	-	-	-	6.53	-
Shipping packers	6.78	7.10	8.11	6.24	7.14	7.37	-	-	8.93	5.35	-
Material handling laborers	7.34	8.39	10.00	7.72	10.83	6.97	10.37	-	7.61	6.15	11.82
Forklift operators	9.42	10.26	10.89	11.85	10.34	10.44	10.56	-	9.91	7.72	9.54
Power-truck operators (other than forklift)	-	-	11.71	-	-	-	-	-	7.41	-	-
Guards	4.88	5.45	5.42	5.51	4.17	5.59	4.98	-	4.32	4.06	8.27
Guards I	4.68	5.08	4.75	5.07	4.00	5.22	4.98	-	3.97	4.06	6.99
Guards II	-	8.57	9.13	-	-	8.08	-	-	-	-	-
Janitors, porters, and cleaners	5.10	4.93	5.62	6.06	4.97	5.51	6.66	5.74	4.96	4.22	7.59

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 23 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Albany–Schenectady–Troy	4.6	4.3	3.4	2.4	4.1	–	–	4.1	2.2	3.9	4.9	–	–	4.3
Boston	5.2	6.3	5.6	4.1	4.2	4.4	5.9	5.4	4.1	4.4	6.0	6.5	–	4.1
Hartford	5.5	4.0	7.6	2.2	2.8	4.4	–	8.0	1.7	2.2	6.1	4.0	6.3	3.2
Nassau–Suffolk	4.9	4.7	5.0	4.9	5.3	4.1	4.6	–	4.9	4.7	5.6	4.7	–	5.5
Northeast Pennsylvania	3.4	5.2	4.4	3.0	3.4	–	–	–	2.4	2.9	2.8	4.9	–	3.6
Poughkeepsie	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South														
Baltimore	4.6	5.6	2.8	3.0	2.6	–	4.5	–	2.8	4.3	4.7	5.9	–	1.9
Chattanooga	3.4	–	–	3.4	2.3	–	–	–	3.5	2.7	–	–	–	–
Corpus Christi	–	–	–	.7	2.8	–	–	–	.5	3.0	–	–	–	2.7
Daytona Beach	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gainesville	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greensboro–Winston-Salem–High Point	4.5	3.8	5.4	3.3	4.2	–	4.2	5.2	3.8	3.6	4.4	3.1	–	4.9
Oklahoma City	4.1	3.0	–	1.8	1.8	–	–	–	2.3	1.9	3.8	3.3	–	1.8
Richmond	4.3	8.0	5.6	3.4	2.5	–	6.8	5.7	3.6	5.1	4.1	8.5	–	1.1
San Antonio	4.3	4.4	–	2.2	.3	–	–	–	2.6	1.6	4.4	4.4	–	.2
Midwest														
Cleveland	3.1	5.9	3.6	1.5	.4	3.7	8.6	4.3	1.4	1.3	2.7	3.9	–	–.4
Cincinnati	4.4	5.5	4.7	3.5	2.2	–	4.5	5.2	3.8	3.3	5.8	6.4	–	.6
Green Bay	–	1.2	–	1.1	1.6	–	–	–	.8	–	–	–	–	–
Kansas City	2.9	3.4	5.7	3.0	3.4	3.7	4.3	5.8	3.2	3.2	2.5	3.1	–	3.5
South Bend	5.0	4.9	–	3.3	3.2	–	–	–	3.5	2.2	–	–	–	–
West														
Anaheim–Santa Ana–Garden Grove	4.9	5.1	–	2.7	3.2	5.8	5.5	–	2.7	2.4	4.3	5.0	–	3.5
Billings	1.7	–	–	–	–	–	–	–	–	–	1.3	–	–	–
Portland	4.3	5.5	–	.8	1.5	–	–	–	.4	–	–	5.7	–	1.7

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Surveys

designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

70 AREAS currently are included in the program of full-scale surveys in metropolitan areas. In each area, information on *occupational earnings* is collected annually and on *establishment practices and employee benefits* every third year. At the end of every survey, an individual area bulletin presents the results. Bulletins for the areas are available at varying cost from: Bureau of Labor Statistics, Chicago Regional Office, P.O. Box 2145, Chicago, IL 60690, or Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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Boston, MA
Buffalo, NY

Chattanooga, TN-GA
Chicago, IL
Cincinnati, OH-KY-IN
Cleveland, OH
Columbus, OH
Corpus Christi, TX

Dallas—Fort Worth, TX
Davenport—Rock Island—Moline, IA-IL
Dayton, OH
Daytona Beach, FL
Denver—Boulder, CO
Detroit, MI

Fresno, CA

Gainesville, FL
Gary—Hammond—East Chicago, IN
Green Bay, WI
Greensboro—Winston-Salem—High Point, NC
Greenville—Spartanburg, SC

Hartford, CN
Houston, TX
Huntsville, AL

Indianapolis, IN

Jackson, MS
Jacksonville, FL

Kansas City, MO-KS

Los Angeles—Long Beach, CA
Louisville, KY-IN

Memphis, TN-AR-MS
Miami, FL
Milwaukee, WI
Minneapolis—St. Paul, MN-WI

Nassau—Suffolk, NY
Newark, NJ
New Orleans, LA
New York, NY-NJ
Norfolk—Virginia Beach—
Portsmouth, VA-NC
Northeast Pennsylvania

Oklahoma City, OK
Omaha, NE-IA

Paterson—Clifton—Passaic, NJ
Philadelphia, PA-NJ
Pittsburgh, PA
Portland, ME
Portland, OR-WA
Poughkeepsie, NY
Providence—Warwick—
Pawtucket, RI-MA

Richmond, VA

St. Louis, MO-IL
Sacramento, CA
Saginaw, MI
Salt Lake City—Ogden, UT
San Antonio, TX
San Diego, CA
San Francisco—Oakland, CA
San Jose, CA
Seattle—Everett, WA
South Bend, IN

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Trenton, NJ

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Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

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Augusta, GA-SC
Austin, TX
Bakersfield, CA
Baton Rouge, LA
Battle Creek, MI
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Columbus, MS
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Fort Wayne, IN
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Goldsboro, NC
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Guam, Territory of
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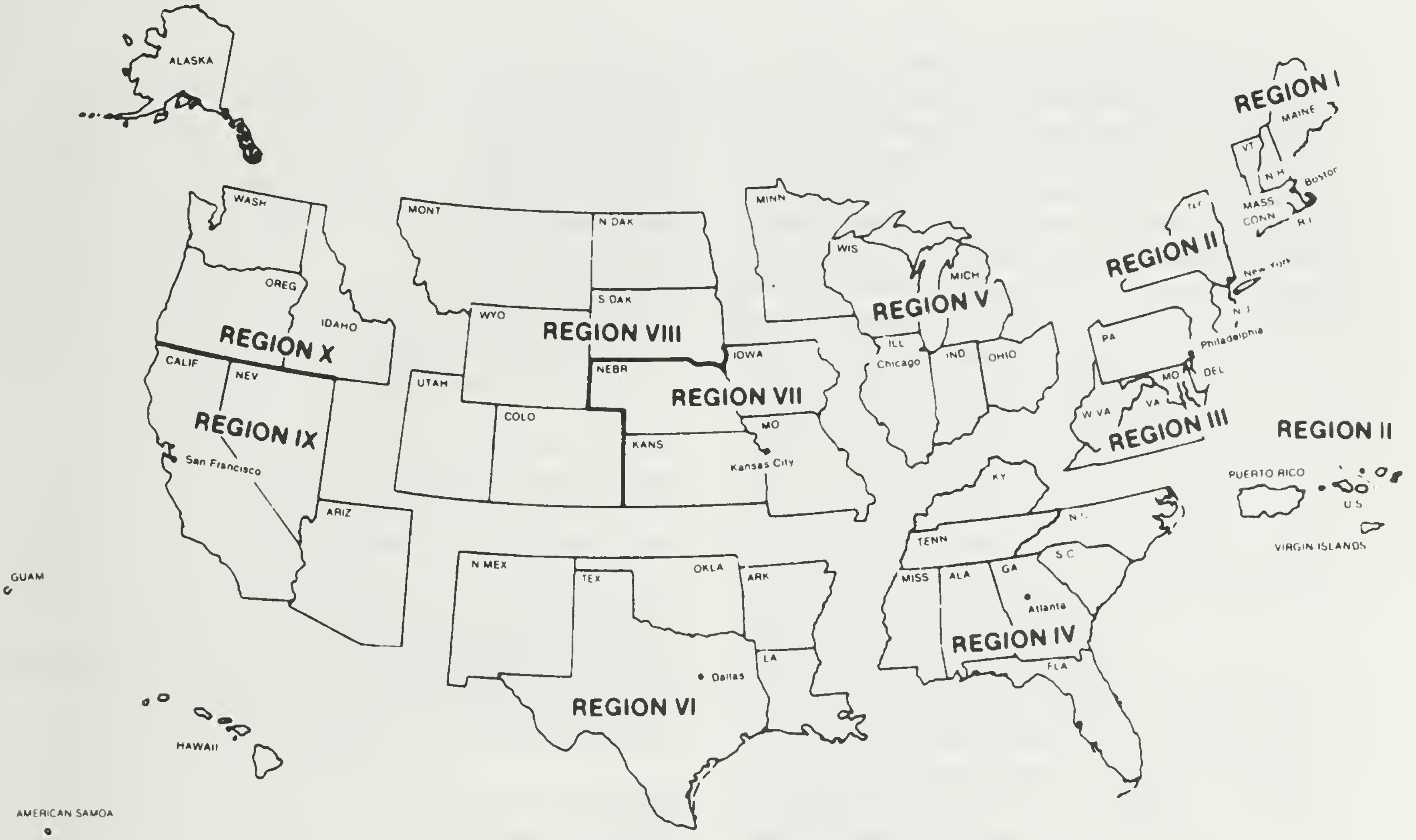

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Occupational Earnings in All Metropolitan Areas, July 1986

U.S. Department of Labor
Bureau of Labor Statistics
June 1987

Summary 87-5

Secretaries in metropolitan areas had average straight-time weekly earnings of $390 in July 1986,[1] according to Bureau of Labor Statistics area wage surveys (table 1). Highest level secretaries averaged $515 a week, or slightly more than 25 percent above the top accounting clerk job studied (level IV).

Among the other office clerical jobs, file clerks performing routine filing (level I) had the lowest average weekly earnings, $201.50. Typically, however, pay for other jobs in the clerical group averaged between $240 and $350. The average for receptionists, $262, was within 2 percent of the averages for switchboard operator-receptionists and switchboard operators.

Pay rates within jobs varied widely and were influenced by such factors as industry, geographic location, unionization, size of establishment, and length of service. Among industry divisions, average earnings of office workers were highest in transportation and utilities and lowest in finance and retail trade. For example, average weekly earnings of accounting clerks I in transportation and utilities were higher than the earnings of level II accounting clerks in any of the other four nonmanufacturing industries studied. By region, average earnings were highest in the West and lowest in the Northeast and South (see table 2).

Among the professional and technical occupations studied, average weekly earnings covered a broad range: $670.50 for computer systems analysts, $529 for programmers, $454 for drafters, and $317.50 for computer data librarians. In general, industry and regional differences in the professional and technical field were similar to those described for office workers.

Eleven of the thirteen maintenance, toolroom, and powerplant occupations studied had average earnings between $12.50 and $14.50 an hour. Earnings of maintenance trades helpers and general maintenance workers averaged $9.59 and $8.59, respectively. About 80 percent of the workers in maintenance, toolroom, and powerplant occupations were in manufacturing industries.

Earnings for material movement and custodial occupations varied widely—from $4.99 an hour for level I guards to $11.92 for tractor-trailer truckdrivers operating locally. Janitors, numerically the most important job surveyed, averaged $5.85 an hour. Pay levels differed more by industry for the material movement and custodial occupations than for the other groups studied. The most notable examples were guards and janitors in transportation and utilities, where they averaged about twice as much as their counterparts in services. The lower paid workers in these two jobs are concentrated in protective and custodial service firms.

Information by sex permits a limited comparison of earnings of men and women in the same job (table 2). In some cases it was not possible to publish averages by sex because (1) the jobs were dominated by one sex, and data were insufficient for the minority sex to be considered reliable, or (2) identification of sex was unavailable for a large number of workers in the occupation, as was the case for computer systems analysts and programmers.

Data in this report were collected in 70 sample areas selected and appropriately weighed to represent the 262 Standard Metropolitan Statistical Areas of the United States (excluding Alaska and Hawaii) as defined by the Office of Management and Budget through February 1974. Establishments of 50 workers or more were surveyed in the following industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. In 13 of the largest areas, the minimum establishment size was 100 workers in manufacturing; transportation, communication, and other public utilities; and retail trade. Major exclusions from the surveys were construction, mining or extractive industries, and government. Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablisment variation in duties within the same job. (Job descriptions are available on request.)

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[1] Average month of reference. Data were collected throughout 1986.

Table 1. Average straight-time earnings for selected occupations, all metropolitan areas, by industry division, July 1986

Occupation[1]	Total number of workers	Average straight-time earnings[2]							
		All industries	Manu-facturing	Nonmanu-facturing	Transportation and utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Office clerical									
Secretaries	299,686	$390.00	$407.00	$378.50	$443.50	$402.50	$346.00	$355.00	$395.00
Secretaries I	41,026	317.50	336.50	307.00	367.00	332.50	272.50	297.50	304.50
Secretaries II	60,732	351.00	358.00	346.00	418.50	340.50	293.00	327.50	369.50
Secretaries III	111,597	391.50	408.00	378.50	435.50	406.50	346.50	355.50	386.00
Secretaries IV	57,329	442.00	448.00	437.00	498.50	469.50	394.50	408.50	457.50
Secretaries V	19,071	515.00	526.50	504.00	567.00	507.00	453.00	489.00	508.00
Stenographers	13,049	384.00	376.00	387.50	431.50	411.00	-	260.00	367.50
Stenographers I	7,106	368.00	362.50	370.00	422.50	-	-	247.50	-
Stenographers II	5,822	402.50	387.50	411.50	449.00	-	-	-	-
Typists	43,717	266.00	301.00	255.00	335.50	265.50	246.00	234.50	264.50
Typists I	28,550	245.00	275.50	236.00	297.00	256.00	227.50	222.00	245.00
Typists II	15,099	306.50	338.50	293.50	385.50	295.50	308.00	263.50	296.00
File clerks	37,954	217.50	257.50	213.00	292.50	231.00	208.50	206.00	228.50
File clerks I	24,231	201.50	230.50	198.50	250.00	214.50	199.00	194.00	207.50
File clerks II	11,402	238.50	278.50	233.50	314.00	267.50	225.50	223.50	255.00
File clerks III	2,085	292.00	330.50	281.00	-	-	-	261.00	-
Messengers	12,758	238.00	261.00	231.50	311.00	241.00	222.00	211.00	234.50
Receptionists	9,596	262.00	292.50	253.50	275.00	267.50	238.00	240.00	263.00
Switchboard operators	17,545	263.00	316.50	253.00	369.00	283.00	229.50	249.50	237.00
Switchboard operator-receptionists	48,271	258.50	265.00	255.50	273.50	263.00	228.00	254.50	263.00
Order clerks	49,300	299.50	308.00	293.50	-	305.00	245.50	-	-
Order clerks I	31,727	266.50	276.00	259.50	-	266.00	239.50	-	-
Order clerks II	16,979	362.00	358.50	365.00	-	376.50	-	-	-
Accounting clerks	245,454	305.50	321.50	298.50	384.50	289.50	263.50	285.00	301.00
Accounting clerks I	30,455	247.00	258.50	243.00	327.00	232.00	217.50	228.50	238.00
Accounting clerks II	124,894	285.00	295.00	280.50	358.00	274.50	257.00	266.50	285.50
Accounting clerks III	65,675	337.50	347.50	332.50	407.00	330.00	304.00	309.50	342.50
Accounting clerks IV	21,081	411.50	419.50	406.50	481.50	395.00	368.00	360.00	409.00
Payroll clerks	32,235	323.50	330.50	318.00	387.00	322.50	281.00	314.50	312.00
Key entry operators	102,342	281.50	298.00	276.00	366.50	276.50	256.50	263.50	267.00
Key entry operators I	66,702	261.50	273.00	258.50	339.00	257.50	246.00	247.50	250.50
Key entry operators II	34,907	319.00	341.50	311.50	407.00	317.00	280.00	291.50	304.50
Professional and technical									
Computer systems analysts (business)	96,470	670.50	692.00	660.00	703.00	683.00	641.00	646.00	659.50
Computer programmers (business)	98,922	529.00	564.00	510.00	577.00	511.00	499.50	496.50	502.50
Computer operators	78,486	367.50	386.00	359.50	447.50	359.50	332.00	341.00	345.50
Peripheral equipment operators	3,257	322.00	382.00	308.50	466.50	-	-	288.00	277.50
Computer data librarians	3,764	317.50	356.00	309.50	435.00	-	-	286.00	295.00
Drafters	70,876	454.00	455.00	452.00	483.00	416.50	396.50	-	448.00
Drafters I	2,113	255.00	261.50	244.50	-	-	-	-	233.00
Drafters II	8,713	316.00	314.50	318.00	398.00	-	-	-	298.00
Drafters III	19,807	395.50	389.50	404.50	459.00	-	-	-	381.50
Drafters IV	21,150	472.50	473.00	471.50	523.50	446.50	-	-	465.00
Drafters V	16,944	595.00	588.50	607.50	596.50	-	-	-	610.50
Electronics technicians	101,404	497.50	446.00	556.50	587.50	510.50	-	-	452.00
Electronics technicians I	16,708	341.50	322.00	398.50	433.00	-	-	-	368.50
Electronics technicians II	51,738	511.00	440.00	566.00	587.50	489.50	-	-	446.50
Electronics technicians III	28,428	558.50	535.50	605.00	622.00	-	-	-	548.50
Registered industrial nurses	5,995	500.00	499.50	501.00	565.50	-	-	471.50	-
Maintenance, toolroom, and powerplant									
Maintenance carpenters	10,504	12.93	13.16	12.57	12.41	-	13.59	12.57	12.21
Maintenance electricians	62,177	13.94	13.89	14.26	14.91	12.63	14.43	12.51	12.84
Maintenance painters	6,588	12.90	13.35	12.00	13.81	-	12.80	10.80	11.58
Maintenance machinists	27,705	13.38	13.29	14.35	14.47	-	-	-	-
Maintenance mechanics (machinery)	100,139	13.02	12.95	13.80	14.87	11.83	-	-	12.40
Maintenance pipefitters	21,443	14.35	14.34	14.59	15.44	-	-	-	-
Millwrights	21,208	14.41	14.41	-	-	-	-	-	-
Motor vehicle mechanics	55,591	12.66	12.46	12.73	13.05	12.26	12.38	-	11.28
Maintenance workers (general)	60,198	8.59	9.30	8.00	10.31	9.72	8.31	8.10	6.88
Maintenance trades helpers	8,264	9.59	9.69	9.42	10.42	-	-	-	6.73
Machine-tool operators (toolroom)	17,675	13.76	13.77	-	-	-	-	-	-
Tool and die makers	46,844	14.27	14.28	-	-	-	-	-	-
Stationary engineers	16,146	13.71	13.65	13.80	14.46	-	15.23	13.09	13.40

See footnotes at end of table.

Table 1. Average straight-time earnings for selected occupations, all metropolitan areas, by industry division, July 1986—Continued

Occupation[1]	Total number of workers	Average straight-time earnings[2]							
		All industries	Manu-facturing	Nonmanu-facturing	Transportation and utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Material movement and custodial									
Truckdrivers	272,135	$10.95	$10.33	$11.14	$12.91	$9.69	$9.38	$7.80	$8.54
Truckdrivers, light truck	29,618	7.61	8.36	7.45	10.96	6.92	5.55	7.94	6.59
Truckdrivers, medium truck	80,278	11.07	9.77	11.31	14.01	8.75	8.16	-	8.82
Truckdrivers, heavy truck	44,434	10.18	9.86	10.39	11.32	9.39	10.05	-	-
Truckdrivers, tractor-trailer	94,542	11.92	10.75	12.26	12.67	11.83	12.05	-	-
Shippers	19,132	8.79	8.78	8.80	-	8.95	8.58	-	-
Receivers	25,768	8.74	9.19	8.45	11.87	8.55	8.28	-	6.31
Shippers and receivers	27,389	8.70	8.74	8.63	11.61	8.23	8.23	-	7.83
Warehousemen	103,895	9.42	9.26	9.53	11.33	9.49	9.11	7.76	6.24
Order fillers	94,301	8.58	8.13	8.70	-	8.83	8.49	-	-
Shipping packers	37,424	7.79	7.95	7.47	-	8.01	6.25	-	-
Material handling laborers	95,595	9.04	8.69	9.33	11.83	7.60	7.94	-	6.89
Forklift operators	117,598	10.33	10.26	10.48	11.19	10.33	10.47	-	-
Power-truck operators (other than forklift)	11,628	10.53	10.71	9.85	-	-	10.46	-	-
Guards	253,935	5.30	9.69	4.76	9.55	7.59	6.45	7.25	4.49
Guards I	225,089	4.99	9.40	4.54	8.17	7.23	6.11	6.72	4.36
Guards II	26,205	7.94	10.65	7.05	11.33	-	8.46	8.49	6.20
Janitors, porters, and cleaners	385,716	5.85	8.87	5.19	9.51	7.39	5.67	7.26	4.78

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[1] Total employment and average earnings for overall classifications may include data for workers not classified by level.

[2] Earnings of office clerical and professional and technical workers relate to regular straight-time salaries that are paid for standard workweeks. Earnings of maintenance, toolroom, and powerplant and material movement and custodial workers relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[3] Transportation, communication, and other public utilities.

[4] Finance, insurance, and real estate.

NOTE: Dashes indicate that data do not meet publication criteria.

Table 2. Average straight-time earnings for selected occupations, all metropolitan areas, by sex and region, July 1986

Occupation[1]	Average straight-time earnings[2]					
	United States, by sex[3]		Regions,[4] men and women combined			
	Men	Women	Northeast	South	Midwest	West
Office clerical						
Secretaries	-	$387.50	$384.00	$370.50	$392.50	$420.00
Secretaries I	-	314.00	307.00	301.00	342.50	328.00
Secretaries II	-	351.00	339.00	341.50	339.50	387.50
Secretaries III	-	389.00	380.00	381.50	397.00	414.50
Secretaries IV	-	441.00	438.50	438.00	421.00	470.00
Secretaries V	-	514.50	504.00	485.50	525.50	544.50
Stenographers	-	377.50	354.50	400.00	391.50	415.00
Stenographers I	-	-	336.00	395.00	368.50	383.00
Stenographers II	-	402.50	374.00	419.00	410.50	445.00
Typists	-	259.00	257.50	254.50	272.00	287.50
Typists I	-	241.50	236.00	238.00	243.50	273.50
Typists II	-	295.00	296.00	296.50	316.50	318.50
File clerks	-	215.00	214.00	215.50	211.50	242.50
File clerks I	-	200.50	200.00	204.00	191.50	220.50
File clerks II	-	235.50	225.50	241.00	234.50	273.50
File clerks III	-	285.50	279.50	-	294.00	321.50
Messengers	$234.50	-	226.00	229.50	244.50	275.50
Receptionists	-	260.50	267.00	248.00	252.00	289.00
Switchboard operators	-	259.00	274.00	238.00	268.50	280.50
Switchboard operator-receptionists	-	258.00	263.50	249.00	252.50	272.50
Order clerks	353.00	284.00	287.50	280.50	306.00	338.50
Order clerks I	293.00	262.50	263.50	256.00	263.00	298.00
Order clerks II	391.50	342.00	345.50	346.50	363.50	392.50
Accounting clerks	-	298.00	296.50	295.00	306.00	331.00
Accounting clerks I	-	243.50	232.50	253.50	242.00	270.50
Accounting clerks II	-	280.00	280.50	275.50	283.50	307.50
Accounting clerks III	-	331.50	328.50	325.00	339.00	364.50
Accounting clerks IV	-	400.50	400.00	398.50	424.00	422.00
Payroll clerks	-	316.50	320.50	303.00	328.50	346.00
Key entry operators	-	277.00	277.50	269.50	280.00	302.00
Key entry operators I	-	258.50	257.00	258.00	258.50	278.00
Key entry operators II	-	313.50	315.00	302.00	318.50	337.00

See footnotes at end of table.

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Table 2. Average straight-time earnings for selected occupations, all metropolitan areas, by sex and region, July 1986—Continued

Occupation[1]	Average straight-time earnings[2]					
	United States, by sex[3]		Regions,[4] men and women combined			
	Men	Women	Northeast	South	Midwest	West
Professional and technical						
Computer systems analysts (business)	-	-	$686.00	$657.50	$655.00	$682.00
Computer programmers (business)	-	-	547.00	510.00	501.00	566.50
Computer operators	-	-	364.00	349.00	370.50	399.50
Peripheral equipment operators	-	-	296.50	297.50	337.50	347.50
Computer data librarians	-	-	304.50	307.00	328.00	335.50
Drafters	$457.00	-	445.50	411.50	480.50	464.00
Drafters I	254.00	-	256.50	251.50	252.50	-
Drafters II	312.00	-	307.50	317.50	310.00	338.00
Drafters III	393.00	-	393.50	390.00	395.00	410.50
Drafters IV	475.00	-	463.00	444.00	487.50	490.50
Drafters V	-	-	554.50	570.50	627.50	570.50
Electronics technicians	483.50	-	460.50	480.50	511.00	537.00
Electronics technicians I	340.50	-	291.50	322.00	406.00	363.50
Electronics technicians II	-	-	473.50	515.00	508.50	537.50
Electronics technicians III	-	-	525.00	545.50	572.00	578.50
Registered industrial nurses	-	$496.50	477.00	487.50	519.50	537.50
Maintenance, toolroom, and powerplant						
Maintenance carpenters	12.80	-	12.38	11.49	14.00	13.78
Maintenance electricians	13.84	-	13.06	13.22	14.57	14.63
Maintenance painters	12.84	-	12.04	11.57	13.86	13.81
Maintenance machinists	13.31	-	12.62	12.90	14.00	14.63
Maintenance mechanics (machinery)	12.86	-	11.87	12.70	13.58	13.51
Maintenance pipefitters	14.31	-	13.26	14.30	14.70	15.29
Millwrights	14.40	-	13.26	14.14	14.61	-
Motor vehicle mechanics	12.55	-	12.32	11.57	13.39	13.73
Maintenance workers (general)	8.57	-	9.09	7.32	9.24	8.58
Maintenance trades helpers	9.32	-	9.49	8.87	10.52	9.35
Machine-tool operators (toolroom)	13.61	-	12.20	12.75	14.31	13.66
Tool and die makers	14.19	-	13.25	13.27	14.81	14.97
Stationary engineers	13.65	-	13.54	13.13	13.63	15.22
Material movement and custodial						
Truckdrivers	10.78	-	11.63	9.20	11.93	11.79
Truckdrivers, light truck	7.54	-	8.62	6.36	9.43	7.08
Truckdrivers, medium truck	10.59	-	11.70	9.44	12.10	12.26
Truckdrivers, heavy truck	10.15	-	11.27	7.89	10.20	12.07
Truckdrivers, tractor-trailer	11.81	-	12.13	10.55	12.83	12.62
Shippers	8.76	-	8.62	8.24	9.48	9.04
Receivers	8.69	-	8.69	8.13	9.31	9.03
Shippers and receivers	8.69	-	8.34	8.39	9.33	8.72
Warehousemen	9.30	-	9.35	8.52	9.95	9.57
Order fillers	9.15	-	8.30	7.34	9.11	10.77
Shipping packers	8.45	6.84	7.39	7.05	8.35	8.30
Material handling laborers	8.95	-	9.09	7.63	10.30	9.40
Forklift operators	10.24	-	9.87	8.84	11.36	10.99
Power-truck operators (other than forklift)	10.40	-	9.33	8.92	11.29	12.57
Guards	5.32	-	5.24	4.86	5.85	5.41
Guards I	5.02	-	4.97	4.63	5.53	5.03
Guards II	7.88	-	7.16	8.17	8.37	8.44
Janitors, porters, and cleaners	6.21	-	6.83	4.49	6.46	6.16

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[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

[3] Some establishments did not provide data by sex. Therefore, average earnings of both men and women may be higher or lower than earnings shown in table 1 for men and women combined.

[4] The regions are defined as follows: *Northeast*—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; *South*—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; *Midwest*—Illinios, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; and *West*—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that data do not meet publication criteria. .

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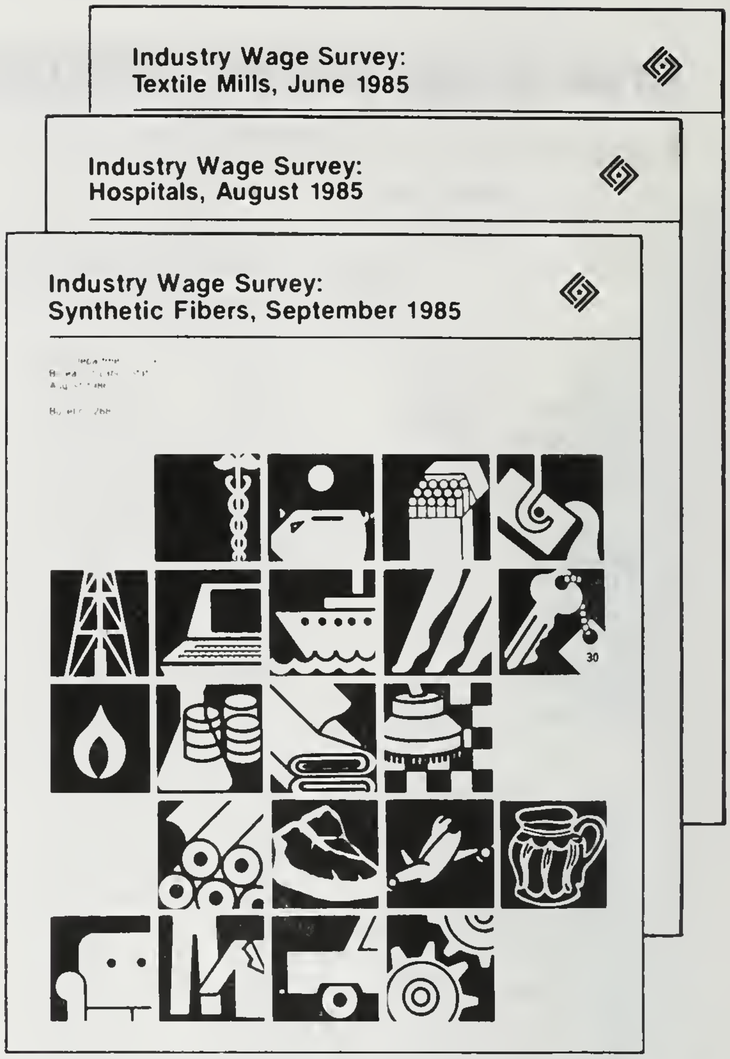

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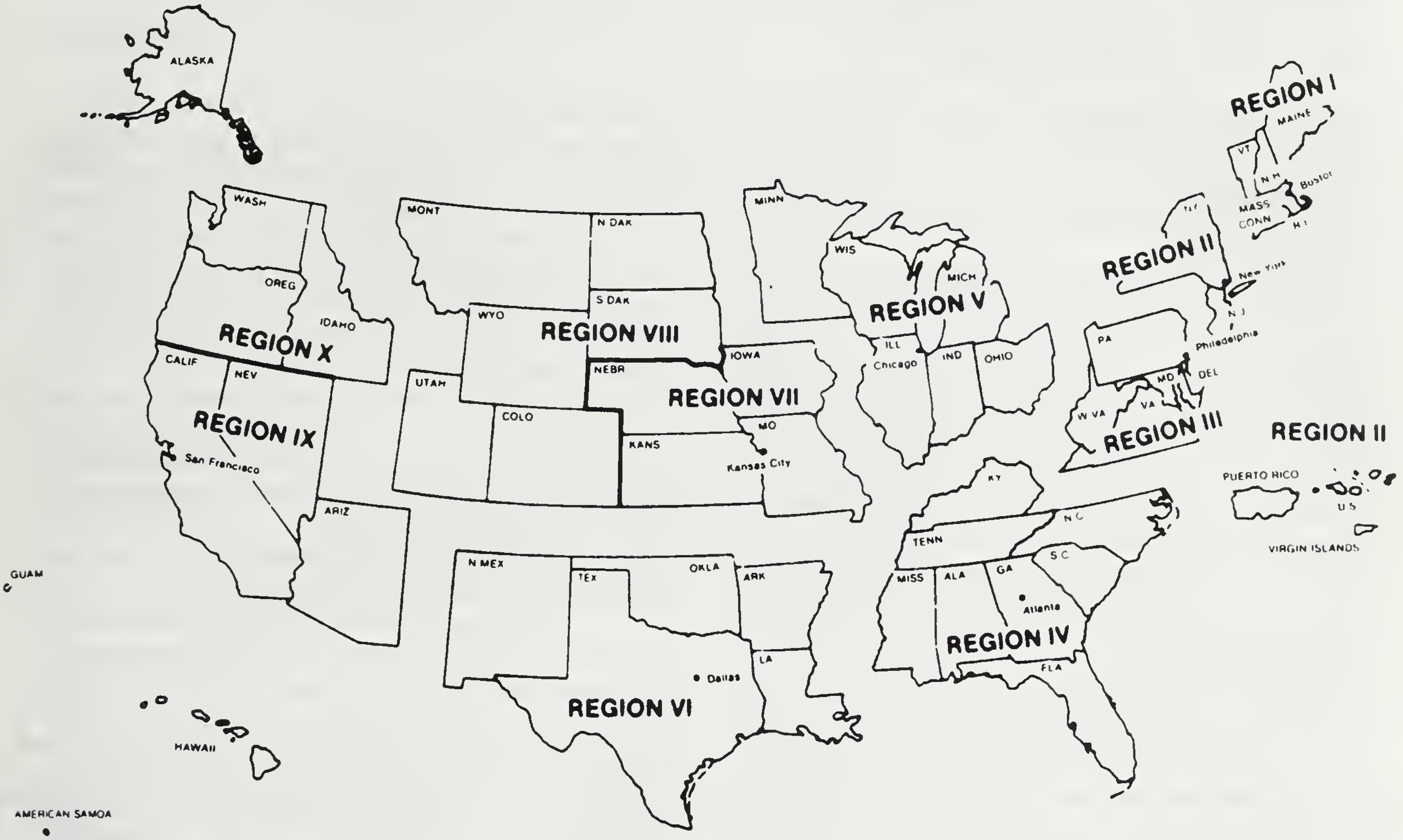

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1987

U.S. Department of Labor
Bureau of Labor Statistics
January 1988

Summary 88-1 (No. 2 of 3)

In January 1987, the Bureau of Labor Statistics began phasing in a new 90-area program of occupational wage surveys. This program is replacing one that covered 70 areas annually since July 1974. Under the new program, 61 areas are surveyed each year: 32 areas are surveyed annually, and two groups of 29 areas alternate for surveying every two years.

The tables in this summary present data for 20 areas surveyed from May to September 1987. Data for another 20 areas were presented in an earlier summary; data for the remaining 21 areas surveyed in 1987 will be presented in a subsequent summary.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected every third or fourth year.

In addition to the area wage survey program, the Bureau conducted approximately 90 wage surveys in 1987 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average weekly earnings for selected office occupations in 20 areas, May-September 1987[1]

Occupation and level[2]	Anaheim–Santa Ana, CA September	Baltimore, MD September	Boston, MA August	Charlotte–Gastonia–Rock Hill, NC–SC September	Chicago, IL July	Cincinnati, OH–KY–IN July	Cleveland, OH September	Corpus Christi, TX July	Danbury, CT July	Fresno, CA September
Secretarial and keyboarding occupations										
Secretaries	$436.50	$424.00	$403.50	$369.00	$409.00	$385.50	$389.50	$352.00	$397.00	$355.50
Secretaries I	369.00	–	315.50	314.50	–	312.50	371.00	294.50	–	321.00
Secretaries II	372.50	–	362.50	–	–	353.50	335.00	369.00	–	336.50
Secretaries III	441.00	424.50	412.50	383.00	399.50	385.00	389.50	393.00	–	395.00
Secretaries IV	497.50	–	479.00	447.50	–	410.50	432.00	–	–	403.00
Secretaries V	580.00	–	–	457.50	–	542.50	486.50	–	–	–
Stenographers	–	447.50	–	–	422.00	358.00	384.00	–	–	–
Stenographers I	–	–	–	–	465.00	–	342.00	–	–	–
Stenographers II	–	–	–	–	366.00	–	426.00	–	–	–
Typists	275.00	309.00	272.00	–	281.00	280.00	301.00	–	274.00	260.00
Typists I	257.50	263.50	259.50	–	259.50	243.00	277.50	–	258.00	–
Typists II	–	339.50	–	–	325.50	321.00	320.00	–	–	–
Word processors	355.00	326.00	350.50	310.50	353.50	321.00	331.50	–	325.00	–
Word processors I	324.50	291.50	317.00	313.50	325.50	312.50	271.00	–	284.00	–
Word processors II	399.00	357.50	381.00	307.00	378.50	333.50	362.00	–	–	–
Key entry operators	327.50	274.50	304.00	272.00	290.50	334.50	284.50	270.00	286.00	271.50
Key entry operators I	307.00	268.00	282.00	264.50	270.50	345.50	268.00	257.50	272.50	253.00
Key entry operators II	354.00	283.50	335.50	296.50	322.00	303.00	323.50	–	315.00	–
Other clerical occupations										
Accounting clerks	334.50	299.00	333.00	305.50	323.50	302.00	316.50	277.50	332.00	294.50
Accounting clerks I	273.50	249.50	264.00	226.50	255.50	280.50	253.50	–	–	–
Accounting clerks II	324.50	282.00	302.00	293.50	302.00	285.50	297.00	255.00	305.50	290.00
Accounting clerks III	374.50	319.50	371.00	369.50	358.00	332.00	353.50	330.50	338.00	306.00
Accounting clerks IV	–	447.00	411.50	414.00	413.50	395.00	420.50	–	–	–
Payroll clerks	336.00	332.00	350.50	310.00	341.00	327.00	330.00	302.50	346.00	301.50
File clerks	237.00	214.00	241.50	243.00	244.50	219.00	207.00	–	258.00	251.50
File clerks I	231.00	193.00	229.00	–	220.50	208.50	188.00	–	235.50	195.00
File clerks II	261.00	230.50	253.50	259.00	272.00	–	216.00	–	–	–
File clerks III	–	–	–	–	–	–	248.00	–	–	–
Messengers	274.00	279.00	245.00	–	245.00	225.50	270.50	–	–	–
Order clerks	336.00	266.00	276.50	289.50	341.50	306.00	309.50	–	326.00	314.00
Order clerks I	301.00	257.50	256.50	289.00	299.50	276.50	276.00	–	293.50	292.00
Order clerks II	378.50	–	383.00	–	391.00	375.50	345.50	–	345.50	–
Receptionists	262.00	238.00	306.50	–	281.00	–	243.00	–	–	–
Switchboard operators	274.50	253.00	291.00	245.00	273.00	252.50	278.50	–	–	–
Switchboard operator-receptionists	287.50	251.50	301.00	263.50	282.00	275.50	266.50	229.00	288.00	241.00

See footnotes at end of table.

88-1 (item 768-5)

UNIVERSITY OF ILLINOIS LAW LIBRARY
MAR 8 1988
FEDERAL DEPOSITORY

Table 1. Average weekly earnings for selected office occupations in 20 areas, May-September 1987[1]—Continued

Occupation and level[2]	Kansas City, MO–KS	Longview–Marshall, TX	Nassau–Suffolk, NY	New York, NY–NJ	Northeast Pennsylvania	Phoenix, AZ	Portland, OR–WA	South Bend, IN	Tampa–St. Petersburg–Clearwater, FL	Visalia–Tulare–Porterville, CA
	September	August	August	May	August	June	June	August	August	September
Secretarial and keyboarding occupations										
Secretaries	$390.00	$326.50	$406.00	$433.50	$314.00	$364.50	$403.50	$388.50	$354.00	$335.00
Secretaries I	321.00	266.50	340.50	346.00	247.50	312.50	-	346.00	299.50	267.00
Secretaries II	349.50	-	384.00	378.00	301.00	319.00	339.50	300.00	351.00	331.00
Secretaries III	402.00	346.00	392.00	419.00	343.00	365.00	386.50	370.00	375.50	380.50
Secretaries IV	429.50	-	475.00	483.50	370.50	432.00	442.50	453.00	442.50	-
Secretaries V	516.00	-	525.00	543.50	-	-	-	460.00	-	-
Stenographers	411.50	-	-	385.50	296.50	-	-	-	-	-
Stenographers I	-	-	-	348.00	-	-	-	-	-	-
Stenographers II	397.00	-	-	-	-	-	-	-	-	-
Typists	272.00	-	264.50	272.00	258.00	252.50	269.50	-	204.50	-
Typists I	256.50	-	254.00	258.50	230.00	241.50	258.00	-	202.50	-
Typists II	295.50	-	297.50	300.00	342.00	-	-	-	-	-
Word processors	318.00	-	337.00	354.50	275.00	309.00	328.50	263.00	269.00	291.50
Word processors I	286.50	-	-	328.00	-	276.00	308.50	233.00	259.50	-
Word processors II	334.00	-	344.00	376.00	-	331.50	364.00	286.50	303.50	-
Key entry operators	286.50	262.50	273.00	309.00	236.50	246.00	295.00	258.50	248.00	327.00
Key entry operators I	269.00	269.50	251.00	290.50	210.50	232.00	281.50	242.00	247.50	338.50
Key entry operators II	335.50	-	332.50	330.00	314.00	295.00	333.50	277.50	251.50	300.50
Other clerical occupations										
Accounting clerks	320.50	308.50	301.50	343.50	241.00	291.50	316.00	285.50	264.50	324.00
Accounting clerks I	239.00	-	-	265.00	195.50	-	-	245.50	239.00	-
Accounting clerks II	314.50	278.00	281.00	322.50	247.00	286.00	293.00	280.50	260.50	293.00
Accounting clerks III	333.50	362.50	355.50	357.00	302.50	330.00	334.00	306.00	268.00	381.00
Accounting clerks IV	416.50	-	-	453.50	-	367.00	392.00	374.50	351.00	-
Payroll clerks	343.00	336.00	316.50	364.00	334.50	315.00	348.50	302.50	285.00	311.00
File clerks	231.50	-	240.50	229.50	186.00	218.50	223.00	213.50	198.50	-
File clerks I	212.50	-	210.00	211.50	186.00	204.50	215.50	-	197.50	-
File clerks II	262.00	-	253.50	236.50	-	240.50	-	-	-	-
File clerks III	-	-	-	285.00	-	-	-	-	-	-
Messengers	245.50	-	-	240.50	-	194.00	-	-	-	-
Order clerks	318.00	-	274.00	305.00	292.00	274.00	343.50	291.00	-	360.50
Order clerks I	277.50	-	260.50	288.00	272.50	271.00	294.00	277.50	-	367.50
Order clerks II	348.00	-	-	350.50	-	285.50	409.00	299.00	333.00	357.50
Receptionists	271.50	-	-	288.50	219.00	244.00	-	-	208.00	-
Switchboard operators	254.50	-	263.50	302.50	209.00	220.50	284.50	253.50	196.50	-
Switchboard operator-receptionists	274.50	251.00	281.50	302.50	237.00	247.00	274.50	261.50	222.00	261.00

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average weekly earnings for selected professional and technical occupations in 20 areas, May-September 1987[1]

Occupation and level[2]	Anaheim-Santa Ana, CA	Baltimore, MD[3]	Boston, MA[3]	Charlotte-Gastonia-Rock Hill, NC-SC[3]	Chicago, IL[3]	Cincinnati, OH-KY-IN	Cleveland, OH[3]	Corpus Christi, TX	Danbury, CT[3]	Fresno, CA[3]
	September	September	August	September	July	July	September	July	July	September
Computer systems analysts	$699.50	$689.50	$712.50	$666.00	$691.00	$643.50	$648.50	-	$822.00	-
Computer systems analysts I	-	545.50	547.00	591.50	-	554.00	521.50	-	588.50	-
Computer systems analysts II	671.50	644.50	676.00	662.00	668.00	651.00	616.50	-	693.50	-
Computer systems analysts III	811.00	753.00	805.00	768.50	754.00	746.00	735.00	-	-	-
Computer systems analysts IV	-	900.50	1013.00	-	-	-	854.00	-	-	-
Computer programmers	593.50	521.00	555.50	527.00	559.00	503.00	548.00	$473.00	-	$510.50
Computer programmers I	465.00	406.50	423.00	442.00	-	404.00	413.50	-	-	-
Computer programmers II	580.50	498.50	490.00	477.50	496.00	480.50	458.50	-	482.50	-
Computer programmers III	707.00	589.00	580.50	580.50	637.50	558.50	625.50	-	-	-
Computer programmers IV	-	-	699.00	-	-	-	674.50	-	-	-
Computer operators	395.50	393.00	393.50	347.50	394.50	383.50	364.50	321.00	410.50	351.00
Computer operators I	338.00	-	302.50	282.50	310.00	312.50	272.00	-	-	-
Computer operators II	403.50	344.00	351.00	341.00	372.00	392.00	337.00	-	353.50	-
Computer operators III	464.50	410.50	441.00	375.50	439.00	467.00	398.50	-	425.00	-
Computer operators IV	-	525.00	510.50	-	-	-	482.00	-	-	-
Peripheral equipment operators	-	-	-	-	328.50	-	-	-	-	-
Computer data librarians	377.00	-	349.00	-	324.50	-	348.00	-	-	-
Drafters	494.50	480.50	502.00	-	469.00	445.00	427.50	409.50	421.00	345.00
Drafters I	-	-	290.00	-	-	-	-	-	-	-
Drafters II	-	-	350.00	352.00	-	-	313.50	-	-	-
Drafters III	453.50	414.00	401.50	460.50	437.50	395.50	401.00	-	404.50	-
Drafters IV	572.50	-	514.50	-	501.50	491.50	457.50	-	-	-
Drafters V	-	598.00	666.00	-	-	-	544.50	-	-	-
Electronics technicians	587.50	530.50	466.50	503.00	554.50	460.50	431.00	590.00	461.00	532.00
Electronics technicians I	-	388.00	-	397.00	-	-	340.50	-	-	-
Electronics technicians II	572.00	533.50	444.50	507.00	548.50	399.00	411.00	-	452.50	-
Electronics technicians III	625.00	579.00	539.50	584.50	-	542.50	523.50	609.00	602.00	-
Registered industrial nurses	-	538.50	512.00	500.00	512.00	515.50	507.50	-	-	-

See footnotes at end of table.

Table 2. Average weekly earnings for selected professional and technical occupations in 20 areas, May-September 1987[1]—Continued

Occupation and level[2]	Kansas City, MO–KS	Longview–Marshall, TX[3]	Nassau–Suffolk, NY[3]	New York, NY–NJ	Northeast Pennsylvania	Phoenix, AZ[3]	Portland, OR–WA[3]	South Bend, IN	Tampa–St. Petersburg–Clearwater, FL[3]	Visalia–Tulare–Porterville, CA[3]
	September	August	August	May	August	June	June	August	August	September
Computer systems analysts	$627.00	-	$751.50	$786.50	$675.50	$699.50	$690.00	$637.50	$706.50	-
Computer systems analysts I	505.00	-	532.00	608.00	-	561.50	569.00	-	615.50	-
Computer systems analysts II	608.00	-	679.50	763.00	650.00	675.50	670.50	645.00	669.50	-
Computer systems analysts III	763.50	-	809.00	888.00	-	774.50	770.00	758.00	795.00	-
Computer systems analysts IV	-	-	970.50	-	-	-	801.50	-	-	-
Computer programmers	530.50	-	567.50	578.50	443.50	543.00	529.00	459.50	509.50	$450.00
Computer programmers I	427.00	-	436.00	451.00	317.00	421.00	387.50	-	489.50	-
Computer programmers II	516.50	-	509.00	563.50	447.50	477.00	468.50	425.00	444.50	-
Computer programmers III	625.50	-	647.00	651.50	545.00	591.50	579.50	611.00	559.00	-
Computer programmers IV	-	-	820.00	-	-	695.00	-	-	-	-
Computer operators	382.00	$357.00	362.50	413.50	310.50	391.00	370.00	339.50	332.50	-
Computer operators I	323.00	-	271.50	313.00	241.50	309.50	-	269.00	264.00	-
Computer operators II	374.00	-	369.00	389.50	343.50	358.00	336.50	338.50	315.00	-
Computer operators III	455.50	-	449.00	493.00	-	449.00	409.50	449.00	368.50	-
Computer operators IV	-	-	-	-	-	-	-	-	-	-
Peripheral equipment operators	-	-	291.00	-	-	313.00	-	-	-	-
Computer data librarians	311.50	-	322.50	345.00	-	333.00	-	-	-	-
Drafters	442.00	459.50	470.50	495.50	355.50	443.00	403.00	420.50	434.50	362.00
Drafters I	-	-	-	-	-	-	-	-	-	-
Drafters II	-	-	282.50	-	269.50	-	-	-	301.50	-
Drafters III	382.00	-	384.50	-	347.00	410.00	365.50	394.50	422.50	-
Drafters IV	471.00	-	498.50	513.50	450.50	448.00	438.00	-	498.00	-
Drafters V	588.00	-	608.00	547.00	-	544.50	508.50	589.50	-	360.50
Electronics technicians	552.00	562.00	407.00	519.00	544.50	497.50	564.50	496.50	450.50	524.00
Electronics technicians I	-	-	321.50	-	401.50	363.50	-	-	317.50	-
Electronics technicians II	559.50	-	433.50	-	568.00	505.50	560.50	512.00	465.00	-
Electronics technicians III	567.50	-	474.00	-	-	543.00	-	-	560.00	-
Registered industrial nurses	538.50	-	476.00	579.00	-	-	-	-	-	-

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] Revised 4-level descriptions for computer systems analysts, computer programmers, and computer operators were introduced in this area in 1986 or 1987. The revised descriptions for computer systems analysts and computer programmers are not comparable with the previous descriptions Earnings for the overall computer operator description are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 20 areas, May-September

Occupation	Anaheim-Santa Ana, CA September	Baltimore, MD September	Boston, MA August	Charlotte-Gastonia-Rock Hill, NC-SC September	Chicago, IL July	Cincinnati, OH-KY-IN July	Cleveland, OH September	Corpus Christi, TX July	Danbury, CT July	Fresno, CA September
Maintenance, toolroom, and powerplant										
Maintenance carpenters	$13.37	$12.59	$13.09	-	$15.47	$13.34	$15.39	-	-	-
Maintenance electricians	13.95	13.87	14.40	$12.21	15.12	13.73	14.79	$14.46	-	$13.43
Maintenance painters	11.97	12.59	11.79	11.22	14.66	13.10	14.76	-	-	-
Maintenance machinists	13.81	12.94	12.64	11.11	14.27	12.16	13.11	14.93	$12.25	13.18
Maintenance mechanics (machinery)	12.46	13.55	11.97	11.43	13.65	12.44	13.86	14.39	13.72	11.84
Maintenance pipefitters	-	14.36	14.31	-	15.55	14.28	14.89	13.81	-	-
Millwrights	-	14.83	-	13.15	15.12	15.48	15.60	-	-	-
Motor vehicle mechanics	14.07	13.01	14.55	11.56	15.59	13.63	13.50	9.41	13.16	12.09
Maintenance workers (general)	8.72	8.47	8.96	7.98	9.42	9.07	8.85	6.47	8.55	8.43
Maintenance trades helpers	6.85	9.19	9.38	7.44	11.07	9.84	10.12	-	-	10.08
Machine-tool operators (toolroom)	-	-	12.49	-	13.33	13.72	14.26	-	-	-
Tool and die makers	13.74	14.51	14.95	11.97	14.89	14.45	14.42	-	13.89	-
Stationary engineers	-	13.60	14.40	-	15.05	13.02	13.27	-	13.94	-
Material movement and custodial										
Truckdrivers[2]	11.67	11.06	12.87	9.52	13.83	11.26	11.59	7.59	12.35	11.60
Truckdrivers, light truck	6.46	11.19	8.17	-	10.36	12.32	8.27	5.37	6.98	-
Truckdrivers, medium truck	12.30	9.69	12.85	9.80	13.67	10.42	12.46	8.50	-	13.11
Truckdrivers, heavy truck	11.07	10.44	12.62	6.13	-	9.41	10.65	-	-	-
Truckdrivers, tractor-trailer	13.14	12.44	13.60	9.84	14.40	12.73	13.13	6.48	12.09	11.34
Shippers	9.08	-	8.34	8.01	9.24	9.38	10.51	-	10.16	8.24
Receivers	7.86	8.28	10.01	7.74	8.67	-	10.57	-	8.58	8.80
Shippers and receivers	8.80	8.86	9.13	8.05	9.28	9.75	9.63	-	8.31	8.84
Warehousemen	9.87	-	10.83	8.26	10.86	9.49	9.93	-	9.49	7.96
Order fillers	11.79	-	8.93	6.78	9.82	10.01	9.69	-	6.94	-
Shipping packers	6.65	7.18	7.58	6.19	7.33	9.43	8.02	-	8.05	-
Material handling laborers	8.22	9.59	9.46	6.42	11.02	10.52	9.30	5.45	8.20	-
Forklift operators	11.28	9.07	11.75	8.03	10.92	11.03	11.41	-	10.20	9.74
Power-truck operators (other than forklift)	-	-	-	-	10.23	10.98	12.76	-	-	-
Guards	6.64	5.33	6.02	5.56	6.27	4.76	4.80	4.80	6.22	-
Guards I	5.63	5.20	5.88	4.76	5.69	4.57	4.67	4.80	6.21	-
Guards II	12.17	-	9.12	-	-	-	-	-	-	-
Janitors, porters, and cleaners	6.05	4.58	6.41	4.42	6.92	5.58	6.43	4.02	5.72	-

See footnotes at end of table.

Table 3. Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 20 areas, May-September 1987[1]—Continued

Occupation	Kansas City, MO–KS September	Longview–Marshall, TX August	Nassau–Suffolk, NY August	New York, NY–NJ May	Northeast Pennsylvania August	Phoenix, AZ June	Portland, OR–WA June	South Bend, IN August	Tampa–St. Petersburg–Clearwater, FL August	Visalia–Tulare–Porterville, CA September
Maintenance, toolroom, and powerplant										
Maintenance carpenters	$13.02	-	$12.39	$13.98	$9.19	$13.90	$13.48	$10.65	$10.55	-
Maintenance electricians	14.59	$11.96	14.64	14.77	11.49	14.23	14.46	11.99	12.15	$10.18
Maintenance painters	13.84	-	12.65	14.31	-	-	13.55	-	-	-
Maintenance machinists	14.83	14.57	15.90	15.68	10.62	13.80	13.92	11.88	12.24	11.79
Maintenance mechanics (machinery)	12.80	13.31	12.17	11.42	10.50	12.17	13.72	10.44	11.66	11.08
Maintenance pipefitters	14.92	-	-	-	-	-	-	13.22	-	-
Millwrights	14.98	11.93	-	-	-	-	15.79	12.91	-	-
Motor vehicle mechanics	13.00	10.30	11.66	13.52	13.00	12.98	13.27	13.30	10.82	12.67
Maintenance workers (general)	8.98	5.80	9.98	10.77	7.90	8.28	8.49	8.70	6.16	7.38
Maintenance trades helpers	-	-	7.89	10.73	8.82	-	-	-	6.11	-
Machine-tool operators (toolroom)	-	-	-	-	-	-	-	11.84	-	-
Tool and die makers	14.73	12.82	14.35	12.22	11.96	15.05	14.79	-	12.23	-
Stationary engineers	13.93	12.87	15.76	16.25	12.08	-	14.77	-	11.82	-
Material movement and custodial										
Truckdrivers[2]	12.10	7.65	12.21	14.20	10.46	10.82	12.00	10.21	7.14	11.18
Truckdrivers, light truck	7.39	-	10.21	10.17	12.01	6.75	6.74	-	6.03	-
Truckdrivers, medium truck	11.14	-	11.04	14.42	9.12	10.89	12.82	10.88	6.98	-
Truckdrivers, heavy truck	12.90	-	-	12.97	8.77	10.62	11.45	-	6.24	-
Truckdrivers, tractor-trailer	13.17	9.76	16.06	14.16	10.96	11.68	12.11	9.85	7.96	10.81
Shippers	9.14	-	-	8.14	7.59	6.73	11.01	9.53	6.53	8.63
Receivers	9.05	7.11	8.90	8.71	6.83	7.50	9.83	9.49	6.68	8.29
Shippers and receivers	10.28	8.93	8.17	10.55	8.38	7.80	11.06	9.96	7.42	9.75
Warehousemen	8.92	9.86	7.94	9.03	8.19	9.08	10.08	10.21	7.36	9.12
Order fillers	8.57	-	10.69	9.72	7.71	8.62	-	-	5.99	-
Shipping packers	8.53	-	6.55	8.15	7.45	-	-	-	5.98	-
Material handling laborers	9.34	-	7.16	9.99	10.98	7.12	8.41	11.42	-	-
Forklift operators	10.72	9.36	10.56	11.06	10.84	8.66	10.75	9.24	6.46	8.17
Power-truck operators (other than forklift)	12.73	-	-	-	-	-	-	-	-	-
Guards	5.77	-	6.90	5.58	4.26	5.35	4.80	7.19	4.21	6.45
Guards I	5.05	6.24	6.15	5.23	4.07	5.16	4.80	7.19	3.94	6.45
Guards II	8.92	-	-	7.45	-	8.57	-	-	-	-
Janitors, porters, and cleaners	5.57	4.72	5.99	8.79	5.17	4.56	6.58	7.42	3.94	6.53

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 14 areas[2]

Area	Percent increases for 1 year[3] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[4]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Boston	6.0	8.0	4.8	4.7	4.5	6.2	6.7	3.7	5.2	5.5	5.8	8.6	–	4.2
Nassau-Suffolk	5.3	3.2	8.6	5.6	4.7	–	3.0	–	4.7	3.6	7.0	3.3	–	5.1
New York	6.6	5.8	4.1	3.5	5.4	6.3	3.7	5.1	3.7	2.8	6.7	6.2	3.7	5.6
Northeast Pennsylvania	4.2	3.7	–	3.7	2.9	–	–	–	3.5	1.8	4.3	3.0	–	3.3
South														
Baltimore	4.7	4.6	2.6	1.8	.8	–	1.8	–	.6	.3	5.7	5.4	–	1.0
Corpus Christi	–	–	–	1.3	1.4	–	–	–	1.0	1.1	–	–	–	1.5
Midwest														
Chicago	3.8	4.1	4.6	2.3	2.8	3.4	4.1	3.9	2.3	2.2	3.9	4.1	6.3	3.1
Cincinnati	3.4	4.1	2.0	2.5	2.5	–	4.9	1.6	2.7	3.7	4.1	3.3	–	–
Cleveland	4.1	3.6	5.7	2.4	2.5	4.1	2.7	5.3	2.3	2.5	4.1	4.1	–	2.5
Kansas City	4.4	4.7	5.6	1.8	2.3	4.4	4.9	5.8	1.5	2.3	4.4	4.6	–	2.3
South Bend	3.3	5.4	–	1.4	2.1	–	–	–	1.0	1.1	–	–	–	–
West														
Anaheim-Santa Ana	4.4	3.2	–	3.0	3.2	4.2	3.1	–	2.9	4.0	4.5	3.3	–	2.8
Fresno	–	–	–	2.1	–	–	–	–	1.7	3.9	–	–	–	–
Portland	3.9	4.3	–	.8	.6	–	–	–	.8	1.5	–	3.2	–	.0

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[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Data for table 4 are not available for the Charlotte-Gastonia-Rock Hill, NC-SC, Danbury, CT, Longview-Marshall, TX, Phoenix, AZ, Tampa-St. Petersburg-Clearwater, FL, and Visalia-Tulare-Porterville, CA, surveys since this is the first year a survey of comparable scope was conducted in these areas.

[3] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[4] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Area Wage Survey Summaries

Surveys are conducted periodically in the following areas for use in administering the Service Contract Act. Reports on the surveys are available at no cost from any of the Bureau's regional offices while supplies last.

Alaska (statewide)
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Alpena-Standish-Tawas City, MI
Ann Arbor, MI
Asheville, NC
Atlantic City, NJ
Augusta, GA–SC
Bakersfield, CA
Baton Rouge, LA
Battle Creek, MI
Beaumont-Port Arthur and Lake Charles, TX–LA
Biloxi-Gulfport and Pascagoula-Moss Point, MS
Birmingham, AL
Bloomington-Vincennes, IN
Bremerton-Shelton, WA
Brunswick, GA
Cedar Rapids, IA
Champaign-Urbana-Rantoul, IL
Charleston-North Charleston-Walterboro, SC
Chattanooga, TN–GA
Cheyenne, WY
Clarksville-Hopkinsville, TN–KY
Colorado Springs, CO
Columbia-Sumter, SC
Columbus, GA–AL
Columbus, MS
Connecticut (statewide)
Dayton-Springfield, OH
Daytona Beach, FL
Des Moines, IA
Dothan, AL
Duluth-Superior, MN–WI
El Paso-Alamogordo-Las Cruces, TX–NM
Eugene-Springfield-Medford-Roseburg-Klamath Falls-Grants Pass, OR
Fayetteville, NC
Fort Lauderdale-Hollywood-Pompano Beach and West Palm Beach-Boca Raton-Delray Beach, FL
Fort Smith, AR–OK
Fort Wayne, IN
Gadsden and Anniston, AL
Goldsboro, NC
Grand Island-Hastings, NE
Greenville-Spartanburg, SC
La Crosse-Sparta, WI
Las Vegas-Tonopah, NV
Lexington-Fayette, KY
Lima, OH
Little Rock-North Little Rock, AR
Logansport-Peru, IN
Lorain-Elyria, OH
Lower Eastern Shore, MD–VA–DE
Macon, GA
Madison, WI
Maine (statewide)
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McAllen-Edinburg-Mission and Brownsville-Harlingen, TX
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Montgomery, AL
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New Bern-Jacksonville, NC
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Northwest Texas
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Orlando, FL
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Salinas-Seaside-Monterey, CA
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Employee Benefits in Medium and Large Firms, 1986

U.S. Department of Labor
Bureau of Labor Statistics
Bulletin 2281

Employee Benefits in Medium and Large Firms, 1986

U S Department of Labor
Bureau of Labor Statistics
June 1987

Bulletin 2281

The Bureau of Labor Statistics issues its 1986 bulletin on employee benefits in medium and large firms. This survey is the eighth in the series.

Data available

- Incidence and detailed characteristics of 14 private sector employee benefits paid for at least in part by the employer: Lunch and rest periods; holidays, vacations, and personal, funeral, jury-duty, military, and sick leave; sickness and accident, long-term disability, health, and life insurance; and private retirement/capital accumulation plans. Included in the retirement data is information on defined benefit plans, such as benefit formulas and pension replacement rates, and on defined contribution plans, such as salary reduction or 401 (k) plans.
- Incidence and provisions of flexible benefits plans and reimbursement accounts are included for the first time in 1986.

Coverage

- Major benefits in medium and large firms, nationwide.
- Minimum employment in establishments covered is generally 100 or 250 employees, depending on the industry.

Source of data

- Sample of about 1,500 establishments in a cross-section of the Nation's private industries; primarily by personal interview.

Uses

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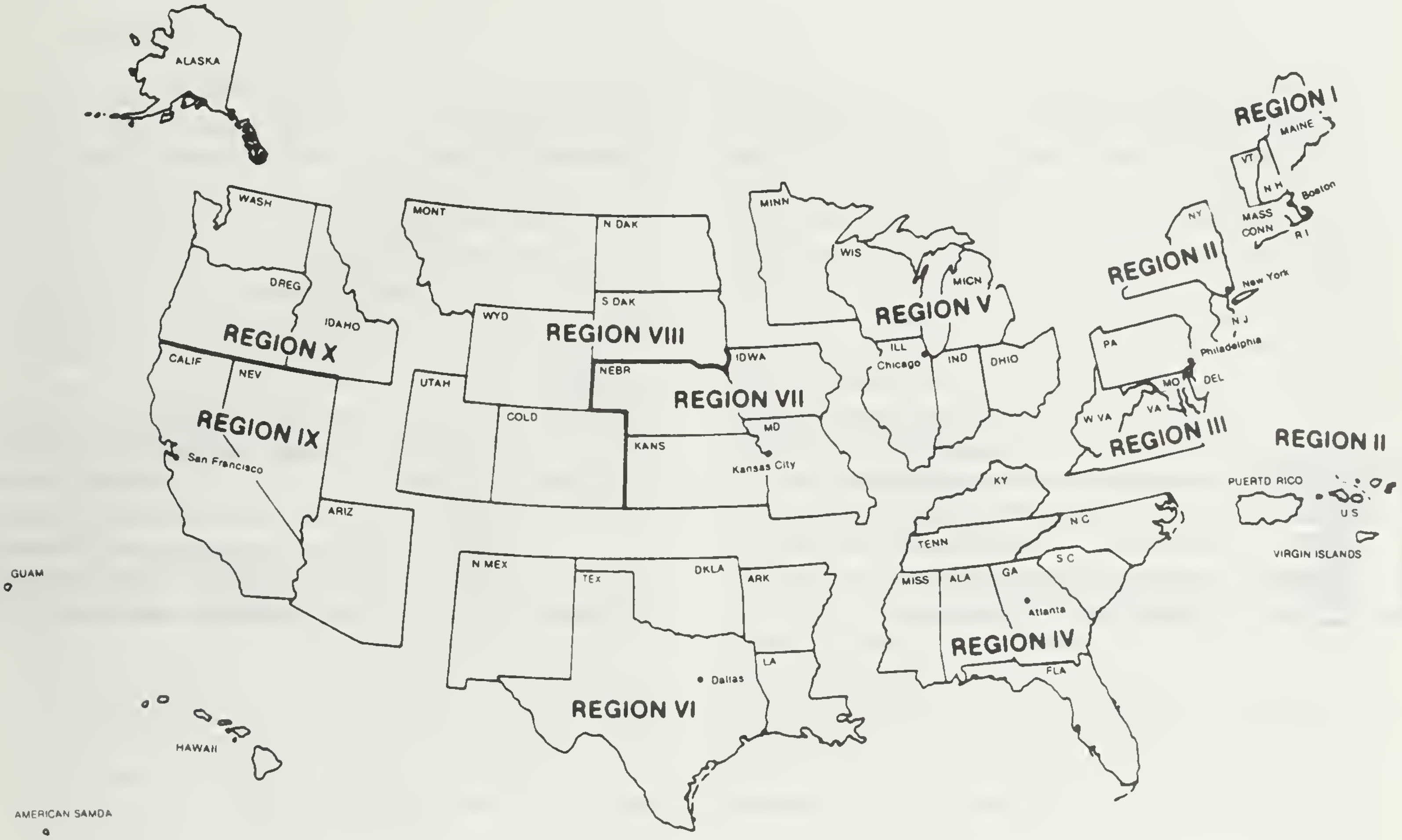

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Occupational Earnings and Wage Trends in Metropolitan Areas, 1987

U.S. Department of Labor
Bureau of Labor Statistics
April 1988

Summary 88-3 (No. 3 of 3)

In January 1987, the Bureau of Labor Statistics began phasing in a new 90-area program of occupational wage surveys. This program will replace one that covered 70 areas annually since July 1974. Under the new program, 61 areas are surveyed each year: 32 areas are surveyed annually, and two groups of 29 areas alternate for surveying every 2 years.

The tables in this summary present data for 21 areas surveyed from September to December 1987. Data for another 40 areas were presented in two earlier summaries.

The program covers six industry divisions; Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected every fourth year.

In addition to the area wage survey program, the Bureau conducted 91 wage surveys in 1987 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

Table 1. Average earnings for selected office occupations in 21 areas, September-December 1987[1]

Occupation and level[2]	Appleton–Oshkosh–Neenah, WI November	Bergen–Passaic, NJ September	Billings, MT November	Columbus, OH October	Dallas–Fort Worth, TX December	Denver–Boulder, CO December	Elkhart–Goshen, IN October	Gary–Hammond, IN December	Lawrence–Haverhill, MA–NH December	Los Angeles–Long Beach, CA October	Louisville, KY–IN November
Secretarial and keyboarding occupations											
Secretaries	$377.50	$397.00	$352.00	$354.50	$407.00	$403.00	-	$433.50	$399.00	$472.50	$378.50
Secretaries I	278.00	324.00	283.00	-	327.50	354.50	$338.50	301.50	322.00	-	331.00
Secretaries II	-	361.00	-	-	377.50	362.00	-	279.50	384.50	449.50	348.50
Secretaries III	373.00	397.50	351.50	-	406.50	388.50	-	469.00	419.50	467.50	402.50
Secretaries IV	467.00	442.50	-	-	485.50	439.50	-	506.50	459.00	527.00	474.50
Secretaries V	-	527.50	-	-	-	541.00	-	-	-	-	-
Stenographers	-	-	333.00	-	415.50	456.00	-	-	-	422.00	-
Stenographers I	-	-	-	-	421.00	-	-	-	-	-	-
Stenographers II	-	-	-	-	-	456.00	-	-	-	-	-
Typists	278.50	268.50	-	275.00	-	286.50	251.00	369.50	245.50	334.00	233.50
Typists I	218.00	254.50	-	249.50	251.00	251.00	-	368.50	245.50	331.50	-
Typists II	-	297.00	-	363.50	-	327.00	-	-	-	340.50	-
Word processors	273.00	349.00	300.50	284.00	378.50	331.50	313.00	267.50	284.50	398.50	301.00
Word processors I	247.50	318.00	287.00	261.00	324.00	301.50	-	267.50	-	362.00	281.50
Word processors II	-	367.00	-	314.50	412.50	346.00	-	-	-	433.50	-
Key entry operators	252.00	291.50	266.00	276.00	300.00	308.00	264.00	307.50	287.00	318.50	228.00
Key entry operators I	242.50	256.50	245.50	247.50	278.00	271.00	253.00	312.00	263.00	299.00	223.00
Key entry operators II	273.50	344.50	-	302.50	335.00	331.00	293.00	-	347.50	-	293.00
Other clerical occupations											
Accounting clerks	282.00	343.00	286.00	278.00	323.00	320.50	303.50	357.00	321.50	373.00	309.00
Accounting clerks I	248.00	278.00	265.00	237.00	264.00	252.00	230.50	-	-	265.00	233.50
Accounting clerks II	262.50	313.50	275.00	270.00	307.00	294.50	297.50	334.00	303.50	351.00	280.00
Accounting clerks III	315.00	382.50	334.00	288.50	349.00	339.00	334.00	455.00	354.50	423.00	371.00
Accounting clerks IV	-	463.50	-	343.00	410.00	408.50	-	531.50	-	458.50	428.50
Payroll clerks	310.00	358.00	312.00	316.00	330.00	350.00	303.00	399.50	300.00	399.50	329.50
File clerks	212.50	240.50	-	227.00	231.00	239.00	219.50	-	-	277.00	204.00
File clerks I	209.00	225.50	-	204.00	218.50	217.00	-	-	-	250.00	196.00
File clerks II	-	263.00	-	231.50	275.50	274.00	-	-	-	319.00	-
File clerks III	-	-	-	-	-	319.50	-	-	-	-	-
Messengers	217.50	234.50	-	234.00	241.00	256.00	-	-	-	301.50	-
Order clerks	279.00	305.50	-	288.50	281.50	331.00	292.00	266.00	328.00	353.50	295.50
Order clerks I	259.00	282.50	-	260.00	268.50	272.00	255.50	-	269.00	303.50	273.50
Order clerks II	-	352.00	-	-	413.00	460.00	299.50	-	357.00	404.50	-
Receptionists	231.50	282.50	-	200.50	280.50	277.50	-	-	-	335.50	-
Switchboard operators	269.00	294.50	215.50	254.50	259.50	273.00	-	-	299.00	290.50	-
Switchboard operator-receptionists	253.50	289.00	241.50	247.50	287.00	271.00	241.50	238.50	279.00	297.50	261.50

See footnotes at end of table.

L 2.W: 88-3 (item 768-5)

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Table 1. Average earnings for selected office occupations in 21 areas, September-December 1987[1]—Continued

Occupation and level[2]	Memphis, TN-AR-MS November	Miami-Hialeah, FL October	New Orleans, LA October	Philadelphia, PA-NJ November	Poughkeepsie, NY October	Rochester, NY November	St. Cloud, MN October	San Diego, CA December	Seattle, WA November	Wilmington, DE-NJ-MD September
Secretarial and keyboarding occupations										
Secretaries	$362.50	$383.50	$386.50	$400.00	-	$448.00	$337.50	$415.50	$440.00	$434.50
Secretaries I	290.50	311.00	322.50	-	-	365.00	-	346.50	-	363.50
Secretaries II	343.50	353.50	-	364.00	-	-	321.00	386.00	368.00	389.50
Secretaries III	383.50	397.50	403.00	387.50	-	468.00	367.50	417.00	416.00	437.00
Secretaries IV	-	480.00	-	444.00	-	516.00	-	490.50	477.00	516.00
Secretaries V	-	479.00	-	496.50	-	582.00	-	-	537.00	537.00
Stenographers	-	-	-	431.00	-	-	-	-	-	-
Stenographers I	-	-	-	382.50	-	-	-	-	-	-
Stenographers II	-	-	-	541.50	-	-	-	-	-	-
Typists	264.50	-	-	292.50	-	-	240.00	302.00	310.50	355.00
Typists I	-	-	234.50	261.00	-	-	-	243.50	-	337.00
Typists II	-	-	-	334.00	-	-	255.50	343.00	377.50	-
Word processors	-	342.00	327.50	326.50	-	355.00	-	330.50	337.00	341.00
Word processors I	-	333.00	297.50	321.00	-	309.50	-	284.00	313.00	298.00
Word processors II	318.50	367.50	344.00	330.50	-	391.50	-	386.50	353.50	377.00
Key entry operators	257.50	254.00	285.50	296.00	$301.50	278.00	-	308.00	280.00	292.50
Key entry operators I	255.50	241.00	273.50	275.00	286.00	258.50	-	285.00	265.00	290.50
Key entry operators II	294.00	316.50	320.50	342.50	-	321.00	292.50	339.00	363.00	299.00
Other clerical occupations										
Accounting clerks	287.00	315.50	308.50	304.50	279.50	351.50	264.00	322.50	341.00	373.50
Accounting clerks I	246.50	208.50	230.00	272.50	-	298.00	180.00	-	-	-
Accounting clerks II	285.50	288.00	302.00	302.50	276.50	314.50	257.00	300.50	300.50	385.50
Accounting clerks III	308.00	337.50	341.00	-	290.50	371.50	324.50	-	368.50	295.50
Accounting clerks IV	430.00	392.00	454.00	-	-	480.50	384.50	-	-	-
Payroll clerks	310.50	333.00	320.50	316.50	321.50	342.00	275.50	330.50	367.00	392.50
File clerks	205.50	225.50	212.00	217.00	-	-	-	237.50	232.00	311.50
File clerks I	201.00	212.00	204.50	206.50	-	-	-	211.00	216.00	203.50
File clerks II	-	-	-	-	-	-	-	274.50	255.00	-
File clerks III	-	-	-	325.00	-	-	-	-	-	-
Messengers	253.50	235.00	-	273.00	-	-	164.50	-	-	-
Order clerks	261.50	313.00	291.50	318.00	-	385.00	238.50	361.00	385.00	-
Order clerks I	260.00	295.00	-	-	-	344.00	222.00	-	350.50	-
Order clerks II	-	375.50	-	-	-	480.50	-	-	-	-
Receptionists	-	284.00	-	255.50	285.00	-	198.00	262.00	297.50	285.00
Switchboard operators	234.00	223.00	223.00	305.50	365.00	-	-	287.00	287.50	-
Switchboard operator-receptionists	240.00	254.00	261.50	276.50	254.50	267.00	236.50	258.00	287.50	252.50

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[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multi-level occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 21 areas, September-December 1987[1]

Occupation and level[2]	Appleton–Oshkosh–Neenah, WI[3]	Bergen–Passaic, NJ[3]	Billings, MT[3]	Columbus, OH[3]	Dallas–Fort Worth, TX[3]	Denver–Boulder, CO[3]	Elkhart–Goshen, IN[3]	Gary–Hammond, IN[3]	Lawrence–Haverhill, MA–NH[3]	Los Angeles–Long Beach, CA[3]	Louisville, KY–IN[3]
	November	September	November	October	December	December	October	December	December	October	November
Computer systems analysts	$706.50	$737.50	$490.00	$644.50	$692.00	$707.50	$643.00	$730.00	$684.00	$772.00	$668.50
Computer systems analysts I	–	576.00	–	525.00	578.50	546.50	–	–	–	606.50	554.00
Computer systems analysts II	625.00	689.00	–	640.50	645.00	620.00	573.50	–	649.50	740.00	636.00
Computer systems analysts III	814.50	803.50	–	707.50	807.50	765.50	–	–	796.50	860.00	764.50
Computer systems analysts IV	–	924.50	–	772.00	922.00	925.00	–	–	–	989.50	–
Computer programmers	520.50	581.00	–	518.00	530.50	586.00	435.00	564.50	561.50	607.50	510.50
Computer programmers I	373.50	446.00	–	426.00	–	402.00	–	–	–	–	–
Computer programmers II	508.00	551.50	–	490.00	–	522.00	405.00	–	498.50	554.00	464.50
Computer programmers III	557.00	643.50	–	575.00	–	565.50	499.50	–	579.00	642.00	573.50
Computer programmers IV	–	–	–	–	–	697.00	–	–	–	758.50	–
Computer operators	329.50	395.50	294.00	366.50	381.50	422.00	369.00	425.50	446.50	440.50	363.00
Computer operators I	–	291.50	–	322.00	305.50	–	–	–	–	–	269.00
Computer operators II	308.50	362.00	289.00	339.50	357.50	358.50	329.50	340.50	368.50	–	355.50
Computer operators III	397.00	447.50	–	397.50	425.50	446.50	–	511.50	466.50	–	440.00
Computer operators IV	–	535.00	–	470.00	536.00	530.50	–	–	–	–	–
Peripheral equipment operators	–	–	–	–	301.50	–	–	–	–	390.00	–
Computer data librarians	–	–	–	–	312.00	–	–	–	–	370.50	–
Drafters	–	458.50	423.50	423.50	457.50	454.00	393.00	521.50	550.50	497.00	514.50
Drafters I	–	–	–	–	–	–	–	–	–	–	–
Drafters II	–	309.50	–	332.50	347.00	–	259.00	–	–	408.50	298.50
Drafters III	338.50	442.00	–	395.00	414.50	389.50	368.00	–	411.50	471.00	440.50
Drafters IV	–	484.00	425.00	469.50	486.00	475.00	400.50	606.00	–	544.50	536.50
Drafters V	–	–	–	515.50	561.00	538.50	–	–	–	625.00	718.00
Electronics technicians	–	507.50	599.50	521.50	497.50	517.00	423.50	597.50	513.00	581.50	–
Electronics technicians I	–	–	–	–	382.00	333.00	–	–	386.50	385.50	–
Electronics technicians II	–	529.00	586.50	484.50	490.00	528.00	397.00	619.00	–	561.00	–
Electronics technicians III	–	474.00	–	584.00	576.00	580.00	–	–	584.50	642.00	686.50
Registered industrial nurses	–	–	–	494.00	536.00	–	–	485.00	–	555.50	–

See footnotes at end of table.

Table 2. Average earnings for selected professional and technical occupations in 21 areas, September-December 1987[1]—Continued

Occupation and level[2]	Memphis, TN-AR-MS	Miami-Hialeah, FL[3]	New Orleans, LA[3]	Philadelphia, PA-NJ	Poughkeepsie, NY[3]	Rochester, NY[3]	St. Cloud, MN[3]	San Diego, CA[3]	Seattle, WA	Wilmington, DE-NJ-MD[3]
	November	October	October	November	October	November	October	December	November	September
Computer systems analysts	$633.50	$802.50	$684.00	$676.50	-	-	$680.50	$695.50	$586.00	$772.00
Computer systems analysts I	499.50	726.50	-	561.00	$544.50	$578.50	-	-	509.50	644.50
Computer systems analysts II	663.00	733.00	609.00	647.00	678.00	-	629.00	624.50	559.50	789.00
Computer systems analysts III	733.50	803.50	756.00	799.50	-	-	727.50	756.00	697.00	809.00
Computer systems analysts IV	-	-	-	-	-	-	-	-	-	-
Computer programmers	482.50	632.00	583.50	539.00	-	541.50	440.50	635.00	476.50	508.50
Computer programmers I	408.00	-	-	445.00	-	423.00	-	-	450.50	-
Computer programmers II	465.00	-	512.50	534.00	-	495.00	461.00	-	478.00	460.50
Computer programmers III	585.00	-	651.50	641.00	-	566.00	549.50	632.00	-	563.00
Computer programmers IV	-	-	-	-	-	670.00	-	716.00	-	-
Computer operators	344.50	400.50	344.50	379.00	-	427.00	337.50	403.00	426.00	418.50
Computer operators I	315.50	-	344.50	318.50	-	385.00	255.50	-	382.50	366.00
Computer operators II	372.00	380.00	325.00	380.50	376.00	411.00	329.50	400.50	420.00	399.00
Computer operators III	-	423.00	371.50	473.00	-	440.50	401.50	436.50	502.50	454.50
Computer operators IV	-	-	-	-	-	-	-	495.50	-	-
Peripheral equipment operators	-	-	-	303.00	-	-	-	-	-	-
Computer data librarians	-	-	-	340.50	-	-	-	-	329.50	-
Drafters	394.50	394.50	442.00	414.50	493.50	529.00	342.00	461.50	-	540.00
Drafters I	-	-	-	-	-	-	-	-	-	-
Drafters II	373.00	311.50	360.00	-	-	-	-	-	-	-
Drafters III	390.50	411.50	369.50	377.50	495.00	471.50	337.50	370.50	-	536.50
Drafters IV	448.00	466.00	524.50	475.00	541.50	527.00	452.00	503.00	-	-
Drafters V	-	-	-	631.00	-	634.00	-	-	-	-
Electronics technicians	-	596.00	548.50	575.50	-	-	443.00	458.50	567.50	603.50
Electronics technicians I	-	-	-	378.00	-	-	-	320.00	-	-
Electronics technicians II	-	633.00	543.50	-	-	-	-	421.50	-	-
Electronics technicians III	-	564.50	-	538.50	-	-	537.50	538.00	618.00	-
Registered industrial nurses	-	-	-	519.00	-	602.50	-	-	-	560.50

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[1] See footnote 1, table 1.

[2] See footnote 2, table 1.

[3] Revised 4-level descriptions for computer systems analysts, computer programmers, and computer operators were introduced in this area in 1986 or 1987. The revised descriptions for computer systems analysts and computer programmers are not comparable with the previous descriptions. Earnings for the overall computer operator description are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 21 areas, September-December 1987[1]

Occupation	Appleton-Oshkosh-Neenah, WI	Bergen-Passaic, NJ	Billings, MT	Columbus, OH	Dallas-Fort Worth, TX	Denver-Boulder, CO	Elkhart-Goshen, IN	Gary-Hammond, IN	Lawrence-Haverhill, MA-NH	Los Angeles-Long Beach, CA	Louisville, KY-IN
	November	September	November	October	December	December	October	December	December	October	November
Maintenance, toolroom, and powerplant											
Maintenance carpenters	-	-	-	$12.33	$13.04	$14.01	-	$13.38	$14.40	$14.62	$13.31
Maintenance electricians	$13.14	$13.14	$14.64	13.40	14.03	15.14	$11.72	14.49	15.05	14.97	15.04
Maintenance painters	-	-	-	12.98	12.95	-	-	12.84	-	14.52	13.12
Maintenance machinists	12.58	13.19	-	13.57	13.55	14.44	-	14.59	13.03	15.85	14.28
Maintenance mechanics (machinery)	12.33	12.10	12.92	12.68	12.32	13.17	10.99	14.45	11.99	14.28	14.68
Maintenance pipefitters	13.16	-	-	14.86	-	-	-	15.64	15.15	-	15.04
Millwrights	12.95	-	-	14.59	-	-	-	-	-	-	-
Motor vehicle mechanics	11.14	12.86	10.87	12.93	12.19	13.23	10.50	14.33	12.26	15.72	12.45
Maintenance workers (general)	9.92	10.90	7.36	8.07	8.32	8.94	8.36	8.16	9.69	9.54	8.11
Maintenance trades helpers	-	10.17	-	8.40	-	8.57	8.30	-	-	9.36	-
Machine-tool operators (toolroom)	11.53	-	-	12.36	-	13.68	10.44	-	-	13.95	-
Tool and die makers	12.29	14.42	-	15.08	14.04	13.74	12.95	-	13.69	15.66	-
Stationary engineers	-	15.54	12.26	14.17	13.92	14.42	-	14.12	-	17.30	13.60
Material movement and custodial											
Truckdrivers[2]	10.04	10.87	13.42	10.55	10.62	10.75	10.13	12.77	9.57	12.32	10.75
Truckdrivers, light truck	-	7.66	12.14	6.43	6.35	7.91	7.03	-	-	7.14	-
Truckdrivers, medium truck	11.44	9.86	-	11.27	11.14	11.48	-	-	8.07	12.45	12.72
Truckdrivers, heavy truck	-	10.18	-	10.18	8.47	10.05	-	-	9.52	13.37	9.78
Truckdrivers, tractor-trailer	9.91	12.97	13.16	13.41	11.87	11.87	10.89	12.73	11.33	12.98	10.73
Shippers	9.22	8.28	-	10.03	9.06	7.26	7.61	-	10.61	9.66	9.07
Receivers	9.71	8.22	9.76	7.38	8.99	7.30	6.98	7.35	8.85	9.34	11.13
Shippers and receivers	10.98	8.81	-	7.85	9.10	8.24	7.90	-	8.74	9.18	8.69
Warehousemen	9.26	9.03	9.18	8.97	9.18	10.32	9.00	13.75	10.58	9.75	9.86
Order fillers	8.38	-	-	8.23	7.78	9.62	7.31	-	-	11.76	9.24
Shipping packers	8.02	5.94	-	8.21	7.22	10.30	7.11	-	-	7.07	-
Material handling laborers	6.75	7.95	-	7.77	8.82	9.43	7.24	-	7.95	9.13	10.01
Forklift operators	10.11	10.46	-	10.01	9.37	11.44	8.11	12.48	10.10	11.36	9.63
Power-truck operators (other than forklift)	11.33	-	-	-	10.44	-	-	11.04	-	-	-
Guards	8.90	5.24	-	5.06	5.47	5.21	6.38	6.61	7.88	5.78	5.10
Guards I	8.90	5.14	-	4.65	5.24	4.46	-	-	7.44	5.38	4.76
Guards II	-	-	-	-	10.38	8.78	8.53	-	-	-	-
Janitors, porters, and cleaners	5.39	6.30	7.13	5.08	5.08	4.96	7.28	8.19	8.04	5.61	5.82

See footnotes at end of table.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 21 areas, September-December 1987[1]—Continued

Occupation	Memphis, TN-AR-MS	Miami-Hialeah, FL	New Orleans, LA	Philadelphia, PA-NJ	Poughkeepsie, NY	Rochester, NY	St. Cloud, MN	San Diego, CA	Seattle, WA	Wilmington, DE-NJ-MD
	November	October	October	November	October	November	October	December	November	September
Maintenance, toolroom, and powerplant										
Maintenance carpenters	-	$10.31	$12.41	$14.59	-	$14.76	-	-	-	-
Maintenance electricians	$13.75	11.16	13.15	14.13	$15.21	15.05	$15.80	$15.31	-	$15.02
Maintenance painters	-	7.61	-	13.63	-	14.33	-	13.76	-	14.82
Maintenance machinists	12.67	-	14.48	13.94	-	15.84	12.88	-	-	-
Maintenance mechanics (machinery)	12.74	11.94	13.23	13.56	-	13.76	10.58	13.22	$14.42	13.68
Maintenance pipefitters	-	-	-	14.74	-	15.95	-	-	-	15.36
Millwrights	-	-	-	13.68	-	-	-	-	-	-
Motor vehicle mechanics	11.34	11.36	11.30	13.22	13.68	13.01	10.88	12.87	15.13	13.60
Maintenance workers (general)	7.37	7.08	7.48	10.17	10.08	8.83	9.05	8.43	9.93	10.53
Maintenance trades helpers	10.59	7.98	-	-	-	-	-	-	-	-
Machine-tool operators (toolroom)	-	-	-	11.47	-	15.80	-	-	-	-
Tool and die makers	11.98	12.01	-	14.18	12.46	15.89	11.03	14.79	-	14.77
Stationary engineers	13.87	-	11.94	13.40	-	15.35	-	-	15.07	14.92
Material movement and custodial										
Truckdrivers[2]	8.64	9.61	9.07	13.00	11.52	11.60	8.10	11.14	13.36	12.31
Truckdrivers, light truck	-	5.66	-	7.79	-	9.53	-	-	7.64	5.86
Truckdrivers, medium truck	8.03	9.39	8.75	11.25	-	-	-	11.85	14.44	-
Truckdrivers, heavy truck	-	11.13	-	10.42	11.11	8.80	8.50	10.77	15.49	-
Truckdrivers, tractor-trailer	9.98	10.91	11.23	13.99	9.27	13.04	10.06	13.70	13.58	13.18
Shippers	8.80	7.00	10.95	10.23	7.22	-	7.81	10.08	9.50	-
Receivers	9.18	6.57	7.15	9.50	7.67	10.05	7.97	-	11.12	6.44
Shippers and receivers	7.84	7.68	-	8.48	8.52	10.97	8.74	8.63	11.95	9.82
Warehousemen	9.28	11.62	9.32	10.51	7.98	11.81	-	9.67	9.59	11.36
Order fillers	5.68	6.64	5.76	10.26	-	8.16	-	-	-	-
Shipping packers	-	5.44	-	7.45	-	8.30	6.31	-	8.63	-
Material handling laborers	7.74	6.43	8.34	9.93	-	8.72	-	-	10.41	9.47
Forklift operators	8.51	-	8.65	10.63	-	11.82	-	10.88	12.11	10.20
Power-truck operators (other than forklift)	-	-	-	-	-	-	-	-	-	-
Guards	4.25	4.91	4.64	5.04	-	6.08	-	5.19	5.02	5.83
Guards I	4.21	4.78	4.36	4.21	-	6.07	-	4.71	5.02	5.67
Guards II	-	9.28	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners	3.90	4.32	3.94	6.42	5.66	7.13	6.47	5.18	6.91	4.69

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 14 areas[2]

Area	Percent increases for 1 year[3] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[4]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Philadelphia	4.2	4.8	3.1	2.7	2.8	3.6	6.1	4.9	2.7	-	4.6	4.2	-	3.3
Poughkeepsie	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South														
Dallas-Fort Worth	2.8	3.1	4.5	2.3	2.1	2.8	3.0	4.7	2.7	2.6	2.9	3.1	-	1.9
Louisville	3.6	4.1	3.3	3.2	1.4	-	-	3.3	3.3	3.6	3.8	-	-	-1.7
Memphis	3.8	4.0	-	2.4	1.2	-	-	-	2.8	2.9	-	4.1	-	.8
Miami-Hialeah	5.1	5.2	-	3.9	5.1	-	-	-	3.5	3.1	5.2	5.5	-	5.5
New Orleans	3.8	2.2	-	1.7	.0	-	-	-	1.4	2.4	3.6	1.8	-	-.2
Midwest														
Columbus	5.8	4.7	5.2	2.6	3.0	3.5	-	-	2.5	1.6	6.6	4.7	-	3.5
Gary-Hammond	-	-	1.0	1.1	.3	-	-	1.0	.8	-	-	-	-	-
West														
Billings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Denver-Boulder	3.2	3.1	4.8	2.5	1.7	3.4	3.0	-	3.3	4.7	3.0	3.1	-	1.0
Los Angeles-Long Beach	4.2	5.5	2.5	2.3	2.1	3.5	5.1	3.2	2.5	2.5	4.7	5.7	-	2.0
San Diego	3.5	3.0	-	1.5	-	-	2.8	-	1.0	-	3.6	3.0	-	-
Seattle	3.3	2.2	-	.8	.4	-	-	-	-	-	3.8	1.7	-	.9

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Data for Table 4 are not available for the following areas because this is the first year a survey of comparable scope was conducted: Appleton-Oshkosh-Neenah, WI, Bergen-Passaic, NJ, Elkhart-Goshen, IN, Lawrence-Haverhill, MA-NH, Rochester, NY, St. Cloud, MN, and Wilmington, DE-NJ-MD.

[3] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[4] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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Goldsboro, NC
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Greenville-Spartanburg, SC
La Crosse-Sparta, WI
Las Vegas-Tonopah, NV
Lexington-Fayette, KY
Lima, OH
Little Rock-North Little Rock, AR
Logansport-Peru, IN
Lorain-Elyria, OH
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Madison, WI
Maine (statewide)
Mansfield, OH
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Melbourne-Titusville-Palm Bay, FL
Meridian, MS
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Montgomery, AL
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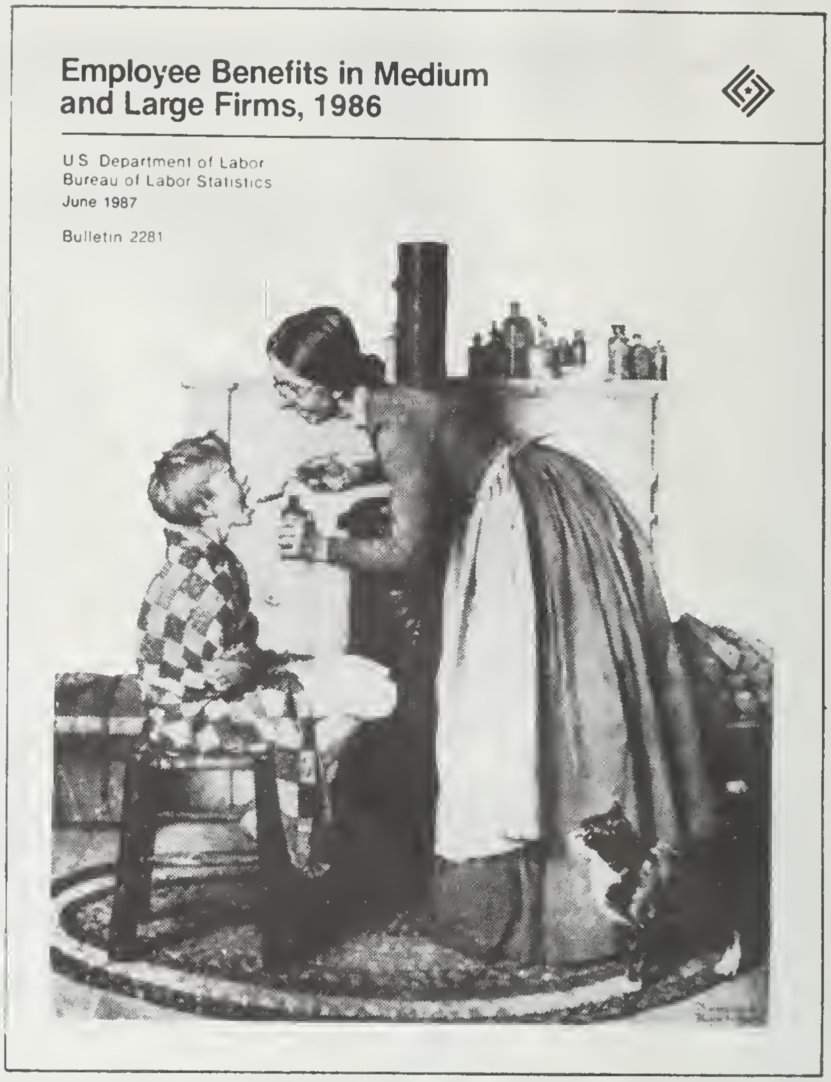
Employee Benefits in Medium and Large Firms, 1986

U.S. Department of Labor
Bureau of Labor Statistics
Bulletin 2281



Employee Benefits in Medium and Large Firms, 1986

U.S. Department of Labor
Bureau of Labor Statistics
June 1987

Bulletin 2281

The Bureau of Labor Statistics issues its 1986 bulletin on employee benefits in medium and large firms. This survey is the eighth in the series.

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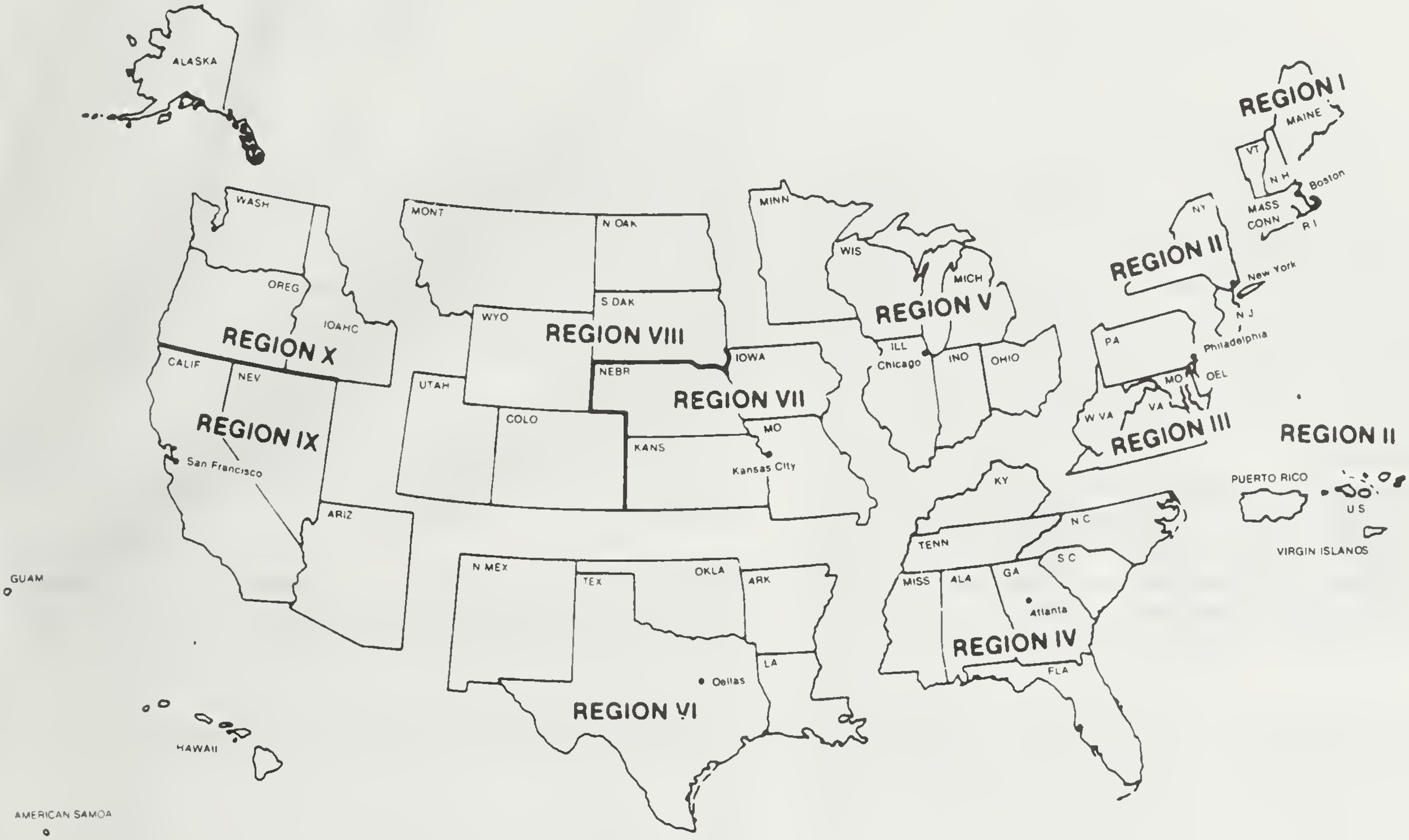

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Occupational Earnings in All Metropolitan Areas, August 1987

U.S. Department of Labor
Bureau of Labor Statistics
July 1988
Summary 88-5

Secretaries in metropolitan areas had average straight-time weekly earnings of $411.50 in August 1987,[1] according to the area wage surveys conducted by the Bureau of Labor Statistics (table 1). The highest paying clerical occupation, secretaries V, averaged $543.50, about 28 percent above the top accounting clerk job studied (level IV). File clerks performing routine filing (level I) had the lowest average weekly earnings, $211.

Among the other office clerical jobs, pay typically averaged between $250 and $350 a week. The average for receptionists, $268, was within $2 of the averages for switchboard operator-receptionists and switchboard operators.

National estimates were developed for the first time this year for word processors. For the two job levels studied, weekly earnings averaged $308.50 for word processors I and $368.50 for level II. Pay for this rapidly growing occupation fell about midway between the averages for typists and stenographers, two jobs that word processors are replacing.

Average earnings for office clerical jobs were highest in transportation and utilities and lowest in retail trade. For example, average weekly earnings of accounting clerks I in transportation and utilities were higher than the earnings of level II accounting clerks in all other industry divisions.

Among the professional and technical occupations studied, average weekly earnings covered a broad range: $700 for computer systems analysts; $562 for programmers; $518 for electronics technicians; and $462 for drafters. Regionally, average earnings were generally highest in the West and lowest in the South.

Eleven of the 13 maintenance, toolroom, and powerplant occupations had average hourly earnings between $12.86 (motor vehicle mechanics) and $14.65 (maintenance pipefitters). Outside this range, general maintenance workers and maintenance trades helpers averaged $8.81 and $9.44, respectively (table 2). About 80 percent of the workers in maintenance, toolroom, and powerplant occupations were in manufacturing industries.

Earnings for material movement and custodial occupations varied from $5.19 an hour for level I guards to $11.95 for tractor-trailer truckdrivers operating locally. Janitors, numerically the most important job surveyed, averaged $5.85 an hour. Warehousemen and forklift operators averaged $9.41 and $10.05, respectively. Earnings for blue-collar workers generally were highest in the West and lowest in the South.

Pay levels differed more by industry for the material movement and custodial occupations than for the other groups studied (table 4). The most notable examples were guards and janitors in transportation and utilities, who averaged about twice as much as their counterparts in services. The lowest paid workers in these two jobs are concentrated in protective and custodial service firms.

Data in this report were collected in 61 sample areas selected and appropriately weighted to represent the 326 metropolitan areas in the United States (excluding Alaska and Hawaii) as defined by the Office of Management and Budget through October 1984. This release is the first to provide estimates of national averages for the 326 areas; previous estimates were developed from a sample of 70 areas selected to represent the 262 Standard Metropolitan Statistical Areas defined through February 1974.

Establishments of 50 workers or more were surveyed in the following industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. In 17 of the largest areas, the minimum establishment size was 100 workers in manufacturing; transportation, communication, and other public utilities; and retail trade. Major exclusions from the survey were construction, mining or extractive industries, and government. Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available upon request.)

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[1] Average month of reference. Data were collected throughout 1987.

Table 1. Average weekly earnings for selected office, professional, and technical occupations, all metropolitan areas, by region, August 1987

Occupation[1] and level	Total number of workers	Average straight-time earnings[2]				
		All metropolitan areas	Region[3]			
			Northeast	South	Midwest	West
Secretarial and keyboarding occupations						
Secretaries	302,407	$411.50	$414.00	$393.50	$403.50	$442.00
Secretaries I	40,820	332.00	332.50	316.00	341.50	357.50
Secretaries II	63,965	373.00	377.00	363.50	342.50	407.50
Secretaries III	115,044	414.50	411.50	407.00	413.00	434.00
Secretaries IV	53,701	471.00	474.00	467.00	442.50	494.00
Secretaries V	17,738	543.50	540.50	524.50	537.50	571.50
Stenographers	9,173	406.00	389.00	412.00	406.00	430.50
Stenographers I	4,801	381.00	359.50	397.00	379.50	385.00
Stenographers II	4,316	435.00	421.50	449.50	429.50	464.00
Typists	37,050	280.50	268.00	272.00	285.50	314.50
Typists I	24,430	257.50	248.50	256.50	249.50	298.50
Typists II	12,301	326.50	320.00	304.00	338.50	347.00
Word processors	37,991	337.00	336.00	335.00	313.50	365.00
Word processors I	20,050	308.50	310.00	313.00	280.50	331.00
Word processors II	17,790	368.50	363.00	366.00	348.00	395.00
Key entry operators	107,475	283.50	286.00	273.00	278.50	304.50
Key entry operators I	73,113	264.00	263.00	262.00	257.50	281.50
Key entry operators II	33,250	327.00	331.50	311.50	321.00	343.00
Other clerical occupations						
Accounting clerks	247,833	319.00	318.50	310.50	310.50	345.00
Accounting clerks I	29,102	250.50	253.50	243.50	238.50	279.00
Accounting clerks II	125,867	297.00	298.50	289.50	290.50	320.50
Accounting clerks III	64,959	351.00	354.00	335.50	343.50	378.50
Accounting clerks IV	24,574	423.00	439.00	404.50	437.50	431.00
Payroll clerks	35,263	337.00	341.00	325.50	329.50	360.00
File clerks	38,432	232.50	225.00	240.50	223.00	249.00
File clerks I	24,179	211.00	208.50	210.50	205.00	226.50
File clerks II	11,711	257.50	239.00	276.00	244.00	282.00
File clerks III	2,483	329.50	313.50	385.00	278.00	342.50
Messengers	12,116	248.50	241.00	243.00	247.00	286.50
Order clerks	52,007	310.50	309.00	286.50	311.00	347.00
Order clerks I	30,971	278.00	283.50	266.00	271.00	302.50
Order clerks II	20,539	359.50	354.00	341.50	350.50	401.00
Receptionists	10,590	268.00	278.50	251.00	258.50	298.50
Switchboard operators	17,631	269.50	291.00	244.00	275.00	281.50
Switchboard operator-receptionists	53,197	267.50	281.00	256.50	259.50	279.50
Professional and technical occupations						
Computer systems analysts	113,916	700.00	724.50	683.50	686.00	707.00
Computer programmers	110,925	562.00	591.50	540.50	519.00	595.00
Computer operators	78,319	387.50	391.00	375.50	380.50	414.00
Peripheral equipment operators	3,046	340.00	305.00	316.50	354.50	386.50
Computer data librarians	3,326	339.00	349.00	320.00	332.00	361.50
Drafters	64,715	462.00	469.50	447.00	467.00	465.50
Drafters I	1,938	268.00	268.50	281.00	254.50	-
Drafters II	9,130	320.00	305.50	324.00	316.00	343.50
Drafters III	18,659	412.00	419.00	414.50	400.50	422.00
Drafters IV	20,090	494.00	501.00	488.50	490.50	502.50
Drafters V	13,487	610.00	604.50	627.50	625.50	551.50
Electronics technicians	110,876	518.00	495.00	494.50	535.00	552.00
Electronics technicians I	18,736	360.50	356.00	322.50	434.50	364.50
Electronics technicians II	58,423	530.00	523.00	522.00	531.00	544.00
Electronics technicians III	32,725	586.00	565.00	566.00	583.50	619.50
Registered industrial nurses	6,137	526.50	539.00	509.50	521.50	561.50

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[1] Total employment and average earnings for overall classifications may include data for workers not classified by level.

[2] Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[3] The regions are defined as follows: *Northeast*—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; *South*—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; *Midwest*—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; and *West*—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that data do not meet publication criteria.

Table 2. Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations, all metropolitan areas, by region, August 1987

Occupation[1]	Total number of workers	Average straight-time earnings[2]				
		All metropolitan areas	Region[3]			
			Northeast	South	Midwest	West
Maintenance, toolroom, and powerplant occupations						
Maintenance carpenters	11,761	$13.28	$13.13	$12.59	$13.90	$14.15
Maintenance electricians	65,803	14.11	13.92	13.69	14.45	14.39
Maintenance painters	7,210	12.96	12.78	11.69	13.88	13.86
Maintenance machinists	31,465	13.65	13.33	12.93	14.19	14.39
Maintenance mechanics (machinery)	117,462	13.29	12.54	13.44	13.42	13.65
Maintenance pipefitters	20,862	14.65	14.29	14.76	14.62	15.58
Millwrights	19,771	14.23	14.66	13.83	14.41	-
Motor vehicle mechanics	58,155	12.86	13.00	11.78	13.38	13.80
General maintenance workers	67,576	8.81	9.55	8.02	8.91	8.68
Maintenance trades helpers	10,745	9.44	9.76	8.59	9.84	10.09
Machine-tool operators (toolroom)	14,041	12.98	12.34	13.04	13.05	13.85
Tool and die makers	44,291	14.23	13.82	13.58	14.57	15.31
Stationary engineers	14,559	14.24	14.49	13.41	14.10	15.60
Material movement and custodial occupations						
Truckdrivers	285,335	11.21	12.26	9.49	11.60	12.04
Truckdrivers, light truck	29,688	7.85	10.03	6.66	8.27	7.54
Truckdrivers, medium truck	86,097	11.37	11.81	9.40	12.57	12.62
Truckdrivers, heavy truck	44,778	10.58	12.14	8.10	10.02	12.37
Truckdrivers, tractor-trailer	101,168	11.95	12.83	10.69	12.59	12.38
Shippers	24,570	9.00	9.18	8.73	8.97	9.27
Receivers	29,157	8.60	8.77	8.37	8.48	9.03
Shippers and receivers	32,135	9.01	8.87	8.69	9.08	9.57
Warehousemen	125,492	9.41	9.57	8.70	9.67	9.72
Order fillers	82,263	8.88	8.41	7.07	9.59	11.64
Shipping packers	38,847	7.57	7.52	6.98	7.76	8.03
Material handling laborers	98,538	8.93	9.07	7.86	9.64	9.22
Forklift operators	129,973	10.05	10.49	8.80	10.72	10.69
Power-truck operators (other than forklift)	10,284	10.93	10.16	10.12	11.00	12.56
Guards	263,048	5.56	5.59	5.23	6.02	5.66
Guards I	226,229	5.19	5.25	4.92	5.55	5.30
Guards II	32,288	8.19	7.73	7.83	8.41	9.84
Janitors, porters, and cleaners	408,201	5.85	6.95	4.63	6.49	6.13

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[1] See footnote 1, table 1.

[2] Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[3] See footnote 3, table 1.

NOTE: Dashes indicate that data do not meet publication criteria.

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Table 3. Average weekly earnings for selected office, professional, and technical occupations, by industry division, August 1987

Occupation[1] and level	Average straight-time earnings[2]						
	Manufacturing	Nonmanufacturing	Transportation and utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Secretarial and keyboarding occupations							
Secretaries	$425.00	$400.50	$458.00	$423.00	$369.50	$376.50	$415.00
Secretaries I	337.50	328.50	378.50	330.50	289.00	321.50	327.50
Secretaries II	383.00	366.00	420.50	364.50	326.50	348.00	392.50
Secretaries III	430.50	400.50	452.50	431.00	373.00	374.00	411.50
Secretaries IV	481.00	463.00	519.50	495.00	434.50	430.00	485.00
Secretaries V	554.50	532.50	602.00	543.00	473.00	504.00	559.00
Stenographers	396.50	411.00	442.50	-	-	274.50	409.50
Stenographers I	378.50	382.00	420.00	-	-	259.50	-
Stenographers II	415.00	446.00	470.50	-	-	-	-
Typists	312.00	269.00	359.00	270.00	243.00	248.50	274.50
Typists I	285.00	248.50	314.00	257.50	226.50	237.00	256.50
Typists II	354.00	313.50	408.50	299.50	-	278.50	310.00
Word processors	357.50	331.00	362.50	334.50	311.00	315.00	341.50
Word processors I	314.00	307.50	342.50	304.50	294.00	299.50	307.50
Word processors II	397.50	359.00	395.00	384.50	-	338.00	367.00
Key entry operators	302.00	277.50	362.00	281.00	258.50	270.50	263.00
Key entry operators I	281.00	259.00	334.50	260.50	251.50	251.00	244.00
Key entry operators II	342.00	321.00	408.00	320.50	290.50	299.50	330.50
Other clerical occupations							
Accounting clerks	333.00	312.00	386.50	304.50	277.50	299.00	312.00
Accounting clerks I	258.00	247.50	311.50	237.50	221.50	246.00	245.00
Accounting clerks II	307.50	292.00	350.50	291.50	273.50	280.50	295.50
Accounting clerks III	362.00	345.00	414.00	343.50	312.00	321.50	360.50
Accounting clerks IV	446.50	411.00	436.00	442.00	374.00	369.50	410.00
Payroll clerks	343.50	331.50	398.00	320.50	294.50	327.00	331.50
File clerks	267.50	227.00	300.00	230.50	217.00	220.00	232.50
File clerks I	228.00	208.50	242.00	220.00	203.50	206.00	209.50
File clerks II	293.00	251.00	303.00	248.50	-	242.50	253.50
File clerks III	368.50	315.50	-	-	-	287.00	-
Messengers	266.00	241.50	308.50	243.00	221.50	222.00	248.50
Order clerks	316.00	305.00	-	322.00	244.00	-	-
Order clerks I	287.00	271.00	-	282.00	242.50	-	-
Order clerks II	353.50	367.00	-	385.00	-	-	-
Receptionists	292.50	260.00	285.00	265.00	230.50	247.50	271.00
Switchboard operators	330.50	260.00	387.50	278.00	240.50	258.50	243.00
Switchboard operator-receptionists	271.00	265.50	278.50	279.50	236.50	265.50	266.50
Professional and technical occupations							
Computer systems analysts	730.50	684.00	723.50	715.50	679.00	673.00	673.00
Computer programmers	592.50	540.00	581.50	530.50	516.50	526.00	546.00
Computer operators	405.00	378.00	449.50	377.00	346.00	360.50	375.00
Peripheral equipment operators	371.00	332.00	436.00	-	-	313.00	319.00
Computer data librarians	367.00	331.50	436.00	-	286.00	312.50	329.00
Drafters	458.50	469.50	511.00	492.50	396.50	-	457.00
Drafters I	270.00	264.50	-	-	-	-	247.50
Drafters II	315.00	328.00	403.50	-	-	-	309.00
Drafters III	403.50	431.50	482.00	-	-	-	410.50
Drafters IV	489.50	503.00	528.50	-	-	-	492.50
Drafters V	602.00	629.00	634.00	-	-	-	625.00
Electronics technicians	473.50	572.50	600.00	522.50	-	-	479.00
Electronics technicians I	345.00	406.50	434.00	381.00	-	-	386.00
Electronics technicians II	470.50	575.50	597.50	531.50	-	-	450.50
Electronics technicians III	562.00	630.00	655.50	611.50	-	-	556.00
Registered industrial nurses	522.00	547.00	596.50	-	-	501.50	-

[1] Average earnings for overall classifications may include data for workers not classified by level.

[2] See footnote 2, table 1.

[3] Transportation, communication, and other public utilities.

[4] Finance, insurance, and real estate.

NOTE: Dashes indicate that data do not meet publication criteria.

Table 4. Average hourly earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations, by industry division, August 1987

Occupation[1]	Average straight-time earnings[2]						
	Manufacturing	Nonmanufacturing	Transportation and utilities[3]	Wholesale trade	Retail trade	Finance[4]	Services
Maintenance, toolroom, and powerplant occupations							
Maintenance carpenters	$13.35	$13.17	$13.40	–	$14.08	$13.33	$12.04
Maintenance electricians	13.94	15.04	15.75	$13.05	14.05	13.17	13.33
Maintenance painters	13.16	12.55	13.95	–	12.19	10.90	12.52
Maintenance machinists	13.59	14.37	14.61	–	–	–	–
Maintenance mechanics (machinery)	13.21	14.20	15.60	12.15	–	–	11.53
Maintenance pipefitters	14.64	14.86	15.46	–	–	–	–
Millwrights	14.23	–	–	–	–	–	–
Motor vehicle mechanics	12.33	13.04	13.34	12.57	12.76	–	11.80
General maintenance workers	9.52	8.16	10.49	9.30	7.87	8.27	7.32
Maintenance trades helpers	9.24	9.77	10.88	–	–	–	–
Machine-tool operators (toolroom)	13.00	–	–	–	–	–	–
Tool and die makers	14.23	–	–	–	–	–	–
Stationary engineers	14.13	14.43	15.66	–	16.26	13.24	14.16
Material movement and custodial occupations							
Truckdrivers	10.48	11.47	13.05	10.13	9.92	8.23	8.79
Truckdrivers, light truck	8.22	7.74	10.45	7.15	6.38	7.90	6.64
Truckdrivers, medium truck	10.17	11.61	14.11	9.45	8.09	–	9.25
Truckdrivers, heavy truck	10.15	10.86	10.94	10.58	11.27	–	–
Truckdrivers, tractor-trailer	10.65	12.49	12.95	11.95	12.15	–	–
Shippers	9.05	8.87	–	9.07	8.86	–	–
Receivers	8.91	8.31	10.13	8.75	8.00	–	6.37
Shippers and receivers	9.11	8.82	12.98	8.54	7.98	–	8.25
Warehousemen	9.47	9.37	11.28	9.66	8.27	7.41	6.52
Order fillers	7.95	9.18	–	9.23	9.39	–	–
Shipping packers	7.68	7.31	–	8.06	6.36	–	–
Material handling laborers	8.62	9.18	12.15	7.82	7.42	–	6.76
Forklift operators	9.96	10.25	11.81	10.43	9.30	–	–
Power-truck operators (other than forklift)	10.90	11.03	–	–	10.36	–	–
Guards	9.58	5.06	9.64	8.56	6.32	7.50	4.81
Guards I	9.24	4.78	7.45	8.16	6.01	6.97	4.60
Guards II	10.50	7.46	11.86	–	9.15	8.81	6.84
Janitors, porters, and cleaners	8.81	5.19	9.57	7.59	5.59	7.17	4.85

[1] See footnote 1, table 3.
[2] See footnote 2, table 2.
[3] See footnote 3, table 3.
[4] See footnote 4, table 3.

NOTE: Dashes indicate that data do not meet publication criteria.

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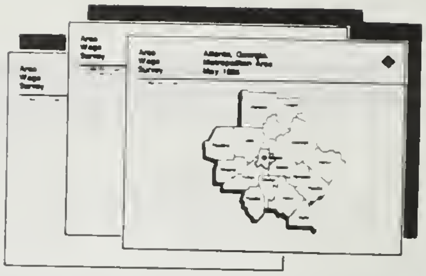

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☐ Elkhart—Goshen, IN, Oct. 1987	3040-43	$2.25
☐ Florence, SC, Jan. 1988	3045- 1	$2.25
☐ Fresno, CA, Sept. 1987	3040-32	$1.50
☐ Gainesville, FL, Feb. 1988	3045- 2	$1.50
☐ Gary—Hammond, IN, Dec. 1987	3040-61	$2.25
☐ Green Bay, WI, Aug. 1986	3035-31	$1.50
☐ Greensboro—Winston-Salem—High Point, NC Aug 1986	3035-33	$1.75
☐ Hartford, CT, July 1986	3035-32	$2.50
☐ Houston, TX, Apr. 1987	3040-16	$2.25
☐ Huntsville, AL, Feb. 1987	3040- 4	$1.50
☐ Indianapolis, IN, Oct. 1986	3035-46	$2.25
☐ Jackson, MS, Jan. 1987	3040- 1	$1.50
Joliet, IL	to be surveyed in 1988	
☐ Kansas City, MO—KS, Sept. 1987	3040-37	$2.25
☐ Kokomo, IN, Jan. 1988	3045- 3	$2.00
☐ Lawrence—Haverhill, MA—NH, Dec. 1987	3040-59	$2.25
☐ Longview—Marshall, TX, Aug 1987	3040-30	$2.25
☐ Los Angeles—Long Beach, CA, Oct. 1987	3040-45	$2.25
☐ Louisville, KY—IN, Nov 1987	3040-50	$2.25
☐ Memphis, TN—AR—MS, Nov 1987	3040-41	$1.75

Area	Bulletin No.	Price
☐ Miami—Hialeah, FL, Oct 1987	3040-42	$2.75
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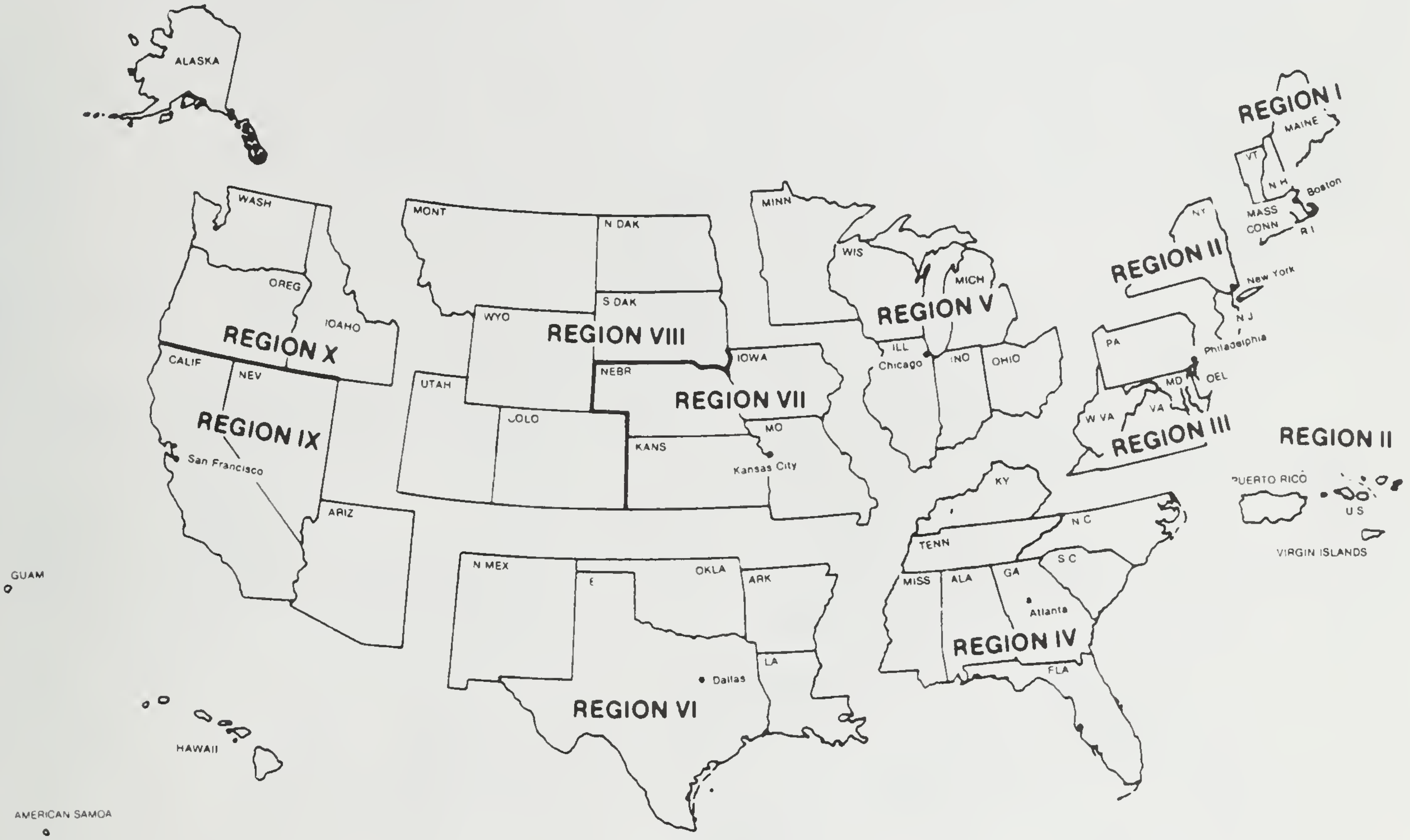

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